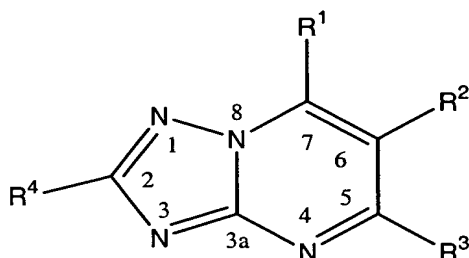


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled).
2. (Currently amended): A method of treating or inhibiting the growth of cancerous tumor cells ~~and associated diseases~~ in a mammal in need thereof which comprises administering to said mammal an effective amount of a substituted triazolopyrimidine derivative selected from those of Formula I:



(I)

wherein:

R<sup>1</sup> is selected from the group consisting of halogen, ~~an optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkynyl of 2 to 12

carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, alkoxy of 1 to 12 carbon atoms, optionally substituted aryl of 6, 10 or 14 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, -CN, hydroxy, halogen, carbamoyl, carboxy, alkoxycarbonyl of 2 to 12 carbon atoms, optionally substituted heterocyclyl of 5 or 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, , optionally substituted cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkenyl of 3 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl,

haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, -S-aryl of 6, 10 or 14 carbon atoms, -S-alkyl of 1 to 12 carbon atoms, -S-cycloalkyl of 3 to 8 carbon atoms, -S-alkenyl of 2 to 12 carbon atoms, -SO<sub>2</sub>aryl of 6, 10 or 14 carbon atoms, -SO<sub>2</sub>cycloalkyl of 3 to 8 carbon atoms, -SO<sub>2</sub>alkyl of 1 to 12 carbon atoms, -O-aryl of 6, 10 or 14 carbon atoms, and the moiety -NR<sup>a</sup>R<sup>b</sup>;

R<sup>a</sup> is H, ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkyl of 3 to 8 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkenyl of 5 to 10 carbon atoms, said

cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted tricycloalkyl, aryl of 6, 10 or 14 carbon atoms, optionally substituted heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or optionally substituted benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl ;

R<sup>b</sup> is H, an optionally substituted alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from

halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted aryl of 6, 10 or 14 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkyl of 3 to 10 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkenyl of 5 to 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, -S-aryl of 6, 10 or 14 carbon atoms, -S-alkyl, -S-alkenyl, -SO<sub>2</sub>aryl of 6, 10 or 14 carbon atoms, -SO<sub>2</sub>cycloalkyl, -SO<sub>2</sub>alkyl, -O-aryl of 6, 10 or 14 carbon atoms, optionally substituted heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl,

alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or optionally substituted benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl; or

R<sup>a</sup> and R<sup>b</sup> when taken together with the nitrogen atom to which each is attached ~~form a form~~ an optionally substituted heterocyclyl ring from 5 or 6 ring atoms said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>2</sup> is ~~optionally substituted~~ phenyl, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>3</sup> is H, halogen, alkyl of 1 to 12 carbon atoms, alkoxy of 1 to 12 carbon atoms, aryloxy, -NR<sup>c</sup>R<sup>d</sup>, aralkyloxy, alkylthio of 1 to 12 carbon atoms, ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, aryl, hydroxy, carbamoyl, carboxy, alkoxycarbonyl of 2 to 12 carbon atoms, cyano, amino, alkylamino of 1 to 12 carbon atoms, dialkylamino of 1 to 12 carbon atoms, or -N<sub>3</sub>;

R<sup>c</sup> is H, amino, ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro,

cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkyl of 3 to 10 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkenyl of 5 to 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

aryl of 6, 10 or 14 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>d</sup> is H, amino, ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ cycloalkyl of 3 to 10 carbon atoms, said



cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkenyl of 5 to 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or optionally substituted heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl; or

R<sup>c</sup> and R<sup>d</sup> when taken together with the nitrogen atom to which each is attached form an optionally substituted form a heterocyclyl ring of 3 to 12 ring atoms said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>4</sup> is H, ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkoxy of 1 to 12 carbon atoms, said alkoxy being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, amino, alkyl amino of 1 to 12 carbon atoms, dialkylamino of 1 to 12 carbon atoms, alkylthio of 1 to 12 carbon atoms, halogen, cyano, carboxy, alkoxycarbonyl of 2 to 12 carbon atoms, ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, halogen, carbamoyl, or ~~optionally substituted~~ aryl of 6, 10 or 14 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

provided that when: a) R<sup>1</sup> is diethylamino, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 4-trifluoromethylphenyl, 3,4-dichlorophenyl, 4-chlorophenyl, or 3-chloro-4-methoxyphenyl ~~3-chloro-4-methoxyphenyl~~; b) R<sup>1</sup> is diethylamino, R<sup>3</sup> is bromo, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 4-trifluoromethylphenyl; c) R<sup>1</sup> is isopropylamino, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 2-benzyloxyphenyl or 3,4,5-trimethoxyphenyl; d) R<sup>1</sup> is cyclopentylamino, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 3,4,5-trimethoxyphenyl, 2-naphthyl or 2-stilbene; e) R<sup>1</sup> is 2-amino-bicyclo(2.2.1.)heptyl, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 3,4,5-trimethoxyphenyl and f) R<sup>1</sup> is diethylamino, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 4-trifluoromethylphenyl and g) R<sup>1</sup> is 1,1,1-trifluoroethoxy, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 2-chloro-6-fluorophenyl h) R<sup>1</sup> is -SO<sub>2</sub>ethyl or -SO<sub>2</sub>cyclopentyl, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen, R<sup>2</sup> is not 2-chloro-6-

fluorophenyl; i) R<sup>4</sup> is hydrogen, R<sup>2</sup> is 2-chloro-6-fluorophenyl, R<sup>1</sup> and R<sup>3</sup> are not 1,2,4-triazole; j) R<sup>1</sup> is cyclohexyl, R<sup>4</sup> is hydrogen, R<sup>2</sup> is 2,4,6-trifluorophenyl, and R<sup>3</sup> is not –OCH<sub>2</sub>O<sub>2</sub>C(CH<sub>3</sub>)<sub>3</sub>; k) R<sup>1</sup> is 2-thienyl, R<sup>4</sup> is ethyl, R<sup>3</sup> is hydrogen and R<sup>2</sup> is not 2-methoxyphenyl, 4-methoxyphenyl, and 4-trifluorophenyl; l) R<sup>2</sup> is phenyl, R<sup>3</sup> is chloro, R<sup>4</sup> is hydrogen R<sup>1</sup> is not (2E)-3,7-dimethyl-2,6-octadienyl; or a pharmaceutically acceptable salt thereof.

3. (Currently amended): The method according to claim 2 wherein R<sup>1</sup> is selected from the group consisting of ~~an optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ aryl of 6, or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one –CH<sub>2</sub>– may also be replaced by –O–, –S–, or –NR' where R' is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from

halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  $-S$ -aryl of 6, or 10 carbon atoms,  $-S$ -alkyl of 1 to 6 carbon atoms,  $-S$ -alkenyl of 2 to 6 carbon atoms,  $-SO_2$ aryl of 6, or 10 carbon atoms,  $-SO_2$ cycloalkyl of 3 to 6 carbon atoms,  $-SO_2$ alkyl of 1 to 6 carbon atoms,  $-O$ -aryl of 6, or 10 carbon atoms, and the moiety  $-NR^aR^b$ ;

$R^a$  is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ heterocyclyl of 3 to 6 ring atoms, optionally ortho fused ~~with a~~ ~~with an~~ ~~optionally-substituted~~ phenyl ring, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

or ~~optionally-substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl ;

R<sup>b</sup> is H, ~~optionally-substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl,

alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 6 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

-S-aryl of 6 or 10 carbon atoms, -S-alkyl of 1 to 6 carbon atoms, -S-alkenyl of 2 to 6 carbon atoms, -SO<sub>2</sub>aryl of 6 or 10 carbon atoms, -SO<sub>2</sub>cycloalkyl of 3 to 6 carbon atoms, -SO<sub>2</sub>alkyl of

1 to 6 carbon atoms, -O-aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ heterocyclyl of 3 to 6 ring atoms, optionally ortho fused ~~with an optionally substituted~~ with a phenyl ring, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

or a pharmaceutically acceptable salt thereof is administered.

4. (Currently amended): The method according to claim 2 wherein  $R^a$  or  $R^b$  represent an optionally substituted alkyl moiety of 1 to 12 carbon atoms wherein said optionally substituted alkyl is represented by the moiety  $-C^*H(R^e)(R^f)$  where  $R^e$  and  $R^f$  independently represent an ~~optionally halo-substituted~~ alkyl group of 1 to 12 carbon atoms said alkyl being optionally substituted with 0-3 halogen atoms where  $C^*$  represents the (R) or (S) isomer or a pharmaceutically acceptable salt thereof is administered.

5. (Canceled):

6. (Currently amended): The method according to claim 2 wherein  $R^3$  is halogen, alkyl of 1 to 6 carbon atoms, alkoxy of 1 to 6 carbon atoms, benzyloxy, haloalkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms, alkylamino of 1 to 6 carbon atoms, dialkylamino of 1 to 6 carbon atoms, or  $-NR^cR^d$ ;

~~R<sup>c</sup> is H, amino, optionally-substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ cycloalkenyl of 5 to 7 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl,



alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
or ~~optionally substituted~~ heterocyclyl of 5 to 8 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>d</sup> is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 6 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano,

thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ heterocyclyl of 5 to 8 ring atoms said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

or a pharmaceutically acceptable salt thereof is administered.

7. (Currently amended): The method according to claim 2 wherein R<sup>4</sup> is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl,

aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally-substituted alkoxyl of 1 to 6 carbon atoms, said alkoxyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

alkyl amino of 1 to 6 carbon atoms or dialkylamino of 1 to 6 carbon atoms, or a pharmaceutically acceptable salt thereof is administered.

8. (Currently amended): The method according to claim 2 wherein R<sup>1</sup> is selected from the group consisting of an ~~optionally-substituted~~ alkyl of 1 to 3 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ alkenyl of 2 to 3 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ alkynyl of 2 to 3 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ phenyl, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl,

alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;  
~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

$-S-$  phenyl,  $-S-$  alkyl of 1 to 3 carbon atoms,  $-S-$  alkenyl of 2 to 3 carbon atoms,  $-SO_2$  phenyl,  $-O-$  ~~optionally substituted~~ phenyl, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
and the moiety  $-NR^aR^b$  wherein  $R^a$  and  $R^b$  when taken together with the nitrogen to which each is attached ~~form a form an~~ optionally substituted heterocyclyl ring of 5 or 6 ring atoms said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or a pharmaceutically acceptable salt thereof is administered.

9. (Canceled)

10. (Previously presented ): The method according to claim 2 wherein R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms, alkylamino of 1 to 6 carbon atoms or dialkylamino of 1 to 6 carbon atoms, or a pharmaceutically acceptable salt thereof is administered.

11. (Currently amended): The method according to claim 2 wherein R<sup>4</sup> is H, ~~optionally substituted~~ alkyl of 1 to 3 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, alkyl amino of 1 to 3 carbon atoms or dialkylamino of 1 to 3 carbon atoms, or a pharmaceutically acceptable salt thereof is administered.

12. (Currently amended): The method according to claim 2 wherein R<sup>1</sup> is selected from the group consisting of ~~an optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio,

alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

-S-aryl of 6, 10 or 14 carbon atoms, -S-alkyl of 1 to 6 carbon atoms, -S-alkenyl of 2 to 6 carbon atoms, -SO<sub>2</sub>aryl of 6, or 10 carbon atoms, -SO<sub>2</sub>cycloalkyl of 5 to 6 carbon atoms, -SO<sub>2</sub>alkyl of 1 to 6 carbon atoms, and the moiety -NR<sup>a</sup>R<sup>b</sup> wherein R<sup>a</sup> and R<sup>b</sup> when taken together with the nitrogen to which each is attached form a ~~form an optionally substituted~~ heterocyclyl ring of 5 or 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or a pharmaceutically acceptable salt thereof is administered.

13. (Canceled)

14. (Currently amended): The method according to claim 2 wherein R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, cyano, haloalkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms, or -NR<sup>c</sup>R<sup>d</sup>;

R<sup>c</sup> is H, amino, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 12 carbon atoms said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from

halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or heterocyclyl;

$R^d$  is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy,

amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or heterocyclyl; or

R<sup>c</sup> and R<sup>d</sup> when taken together with the nitrogen atom to which each is attached ~~form a form~~ an optionally substituted heterocyclyl ring from 3 to 8 ring atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or alkyl of 2 to 20 carbon atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or a pharmaceutically acceptable salt thereof is administered.

15. (Original): The method according to claim 2 wherein R<sup>4</sup> is H or a pharmaceutically acceptable salt thereof is administered.

16. (Currently amended): The method according to claim 2 wherein R<sup>1</sup> is selected from the group consisting of ~~an optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6



carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms,  $-S-$  aryl of 6 or 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

$-S-$ alkyl of 1 to 6 carbon atoms,  $-S-$ alkenyl of 2 to 6 carbon atoms,  $-SO_2$ aryl of 6 or 10 carbon atoms,  $-SO_2$ cycloalkyl of 3 to 6 carbon atoms,  $-SO_2$ alkyl of 1 to 6 carbon atoms, and the moiety  $-NR^aR^b$  wherein  $R^a$  and  $R^b$  optionally when taken together with the nitrogen to which each is attached ~~form a form an optionally substituted~~ heterocyclyl ring of 5 or 6 ring ~~atoms; atoms,~~ said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

$R^3$  is halogen, alkoxy of 1 to 6 carbon atoms, haloalkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms or cyano;  $R^4$  is H or a pharmaceutically acceptable salt thereof is administered.

17. (Currently amended): The method according to claim 2 wherein  $R^1$  is the moiety  $-NR^aR^b$  wherein  $R^a$  and  $R^b$  optionally when taken together with the nitrogen to which each is attached ~~form an optionally substituted~~ form a heterocyclyl ring of 5 or 6 ring ~~atoms; atoms,~~ said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, haloalkoxy of 1 to 12 carbon atoms, alkylthio of 1 to 12 carbon atoms, cyano, or -NR<sup>c</sup>R<sup>d</sup>, wherein R<sup>c</sup> and R<sup>d</sup> when taken together with the nitrogen to which each is attached ~~form an optionally substituted~~ form a heterocyclyl ring of 5 to 8 ring atoms; atoms, said heterocyclyl optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

R<sup>4</sup> is H or a pharmaceutically acceptable salt thereof is administered.

18. (Currently amended): The method according to claim 2 wherein R<sup>1</sup> is the moiety -NR<sup>a</sup>R<sup>b</sup>;

R<sup>3</sup> is halogen, alkoxy, -NR<sup>c</sup>R<sup>d</sup>, haloalkoxy of 1 to 12 carbon atoms, alkylthio of 1 to 12 carbon atoms, cyano, or -N<sub>3</sub>;

R<sup>4</sup> is H;

R<sup>a</sup> is H, optionally substituted alkyl of 1 to 6 carbon atoms, ~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio,

alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ heterocyclyl of 5 to 8 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>b</sup> is H, an ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently

selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  $-S$ -aryl of 6 or 10 carbon atoms,  $-S$ -alkyl of 1 to 6 carbon atoms,  $-S$ -alkenyl of 2 to 6 carbon atoms,  $-SO_2$ aryl of 6 or 10 carbon atoms,  $-SO_2$ cycloalkyl of 3 to 6 carbon atoms,  $-SO_2$ alkyl of 1 to 6 carbon atoms,  $-O$ -aryl of 6 or 10 carbon atoms; or

$R^a$  and  $R^b$  when taken together with the nitrogen atom to which each is attached ~~form~~ an optionally substituted form a saturated or unsaturated heterocyclyl ring from 5 or 6 ring atoms in which optionally, at least one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 2 to 6 carbon atoms, said saturated or unsaturated heterocyclyl ring may optionally be aryl or cycloalkyl fused;

$R^c$  is H, amino, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from

halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or heterocyclyl;

$R^d$  is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

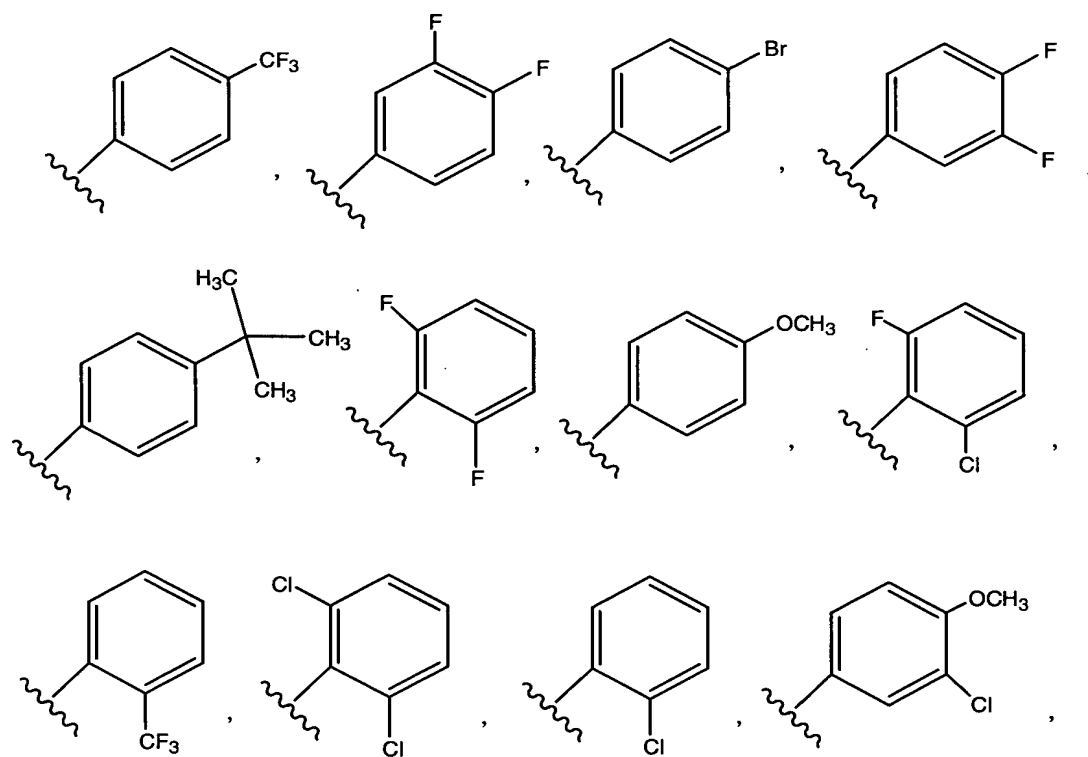
~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy,

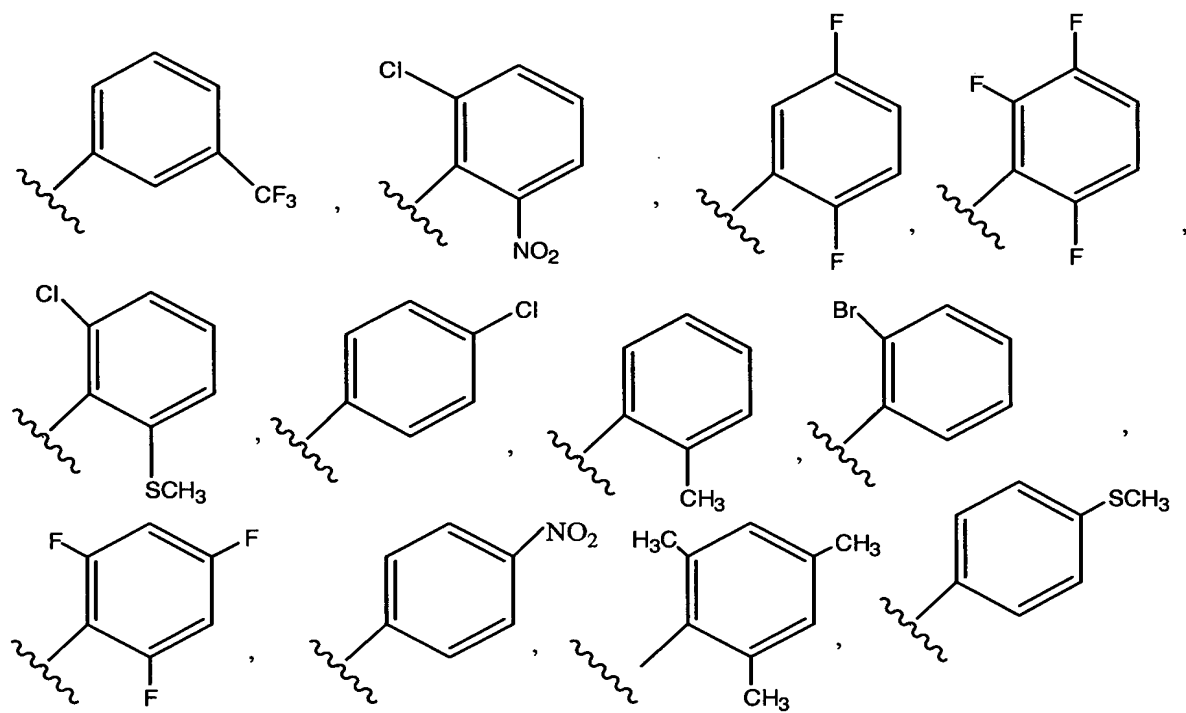
amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or heterocyclyl; or

$R^c$  and  $R^d$  when taken together with the nitrogen atom to which each is attached ~~form an~~ ~~optionally substituted~~ form a heterocyclyl ring from 3 to 8 ring atoms optionally substituted in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or alkyl of 2 to 12 carbon atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or a pharmaceutically acceptable salt thereof is administered.

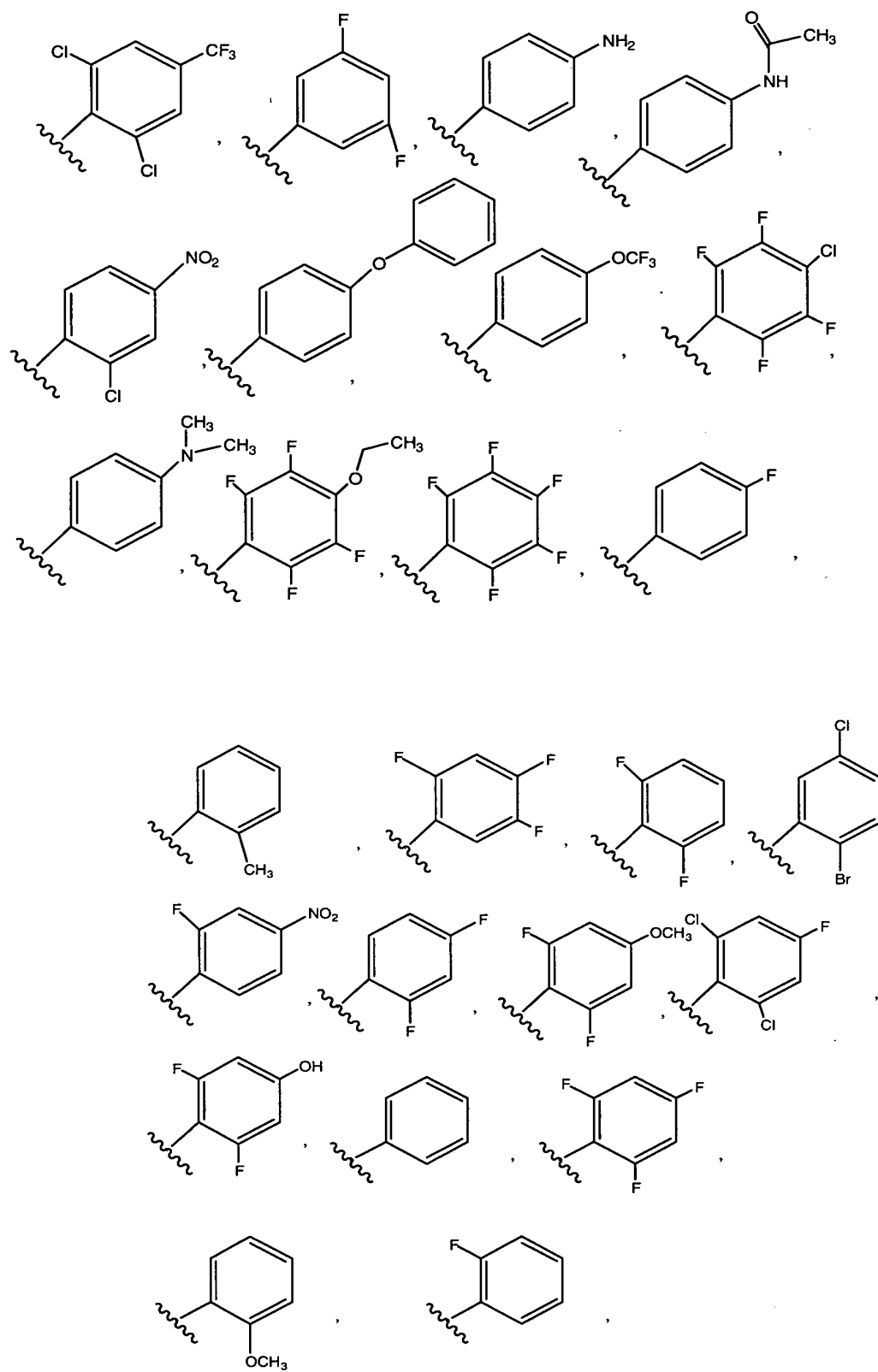
19. (Previously presented): The method according to claim 2 wherein  $R^1$  is the moiety  $-NR^aR^b$ ;

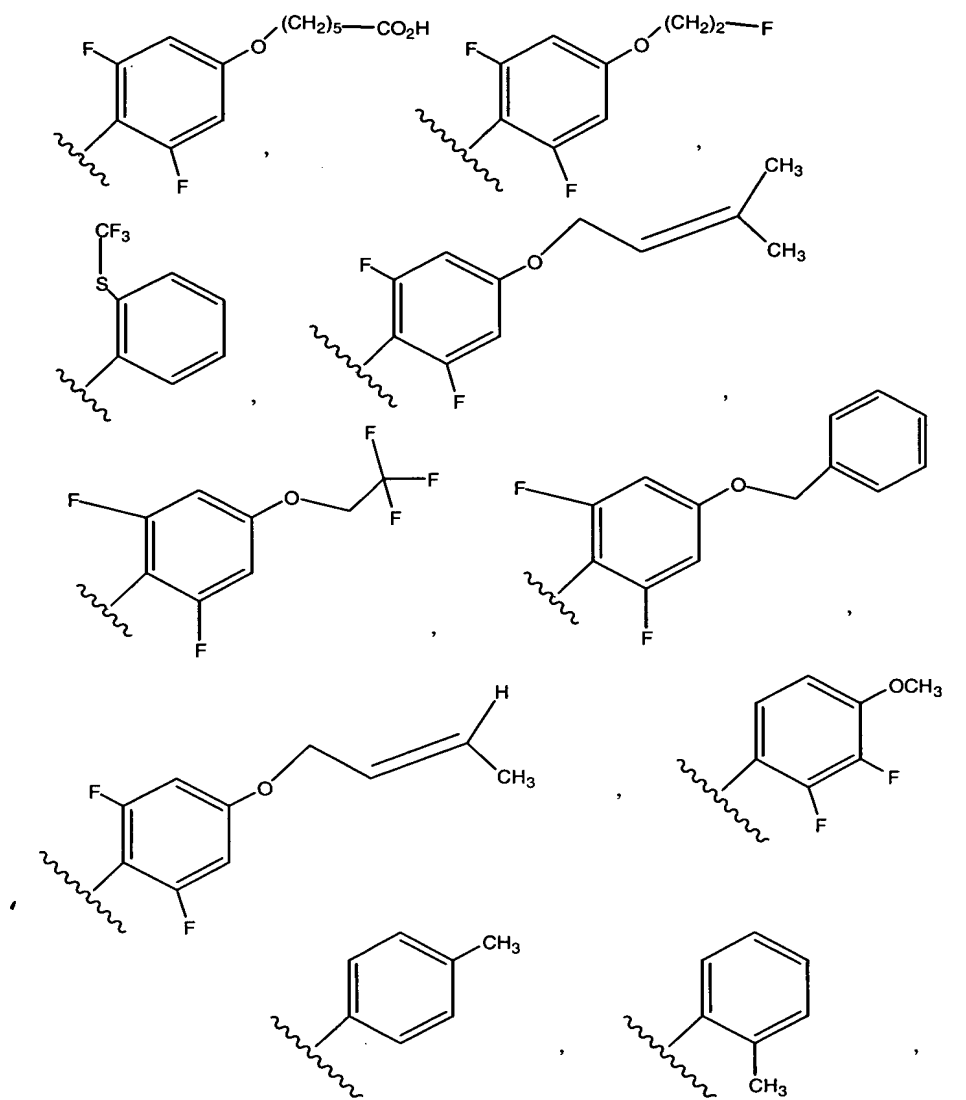
$R^2$  is selected from

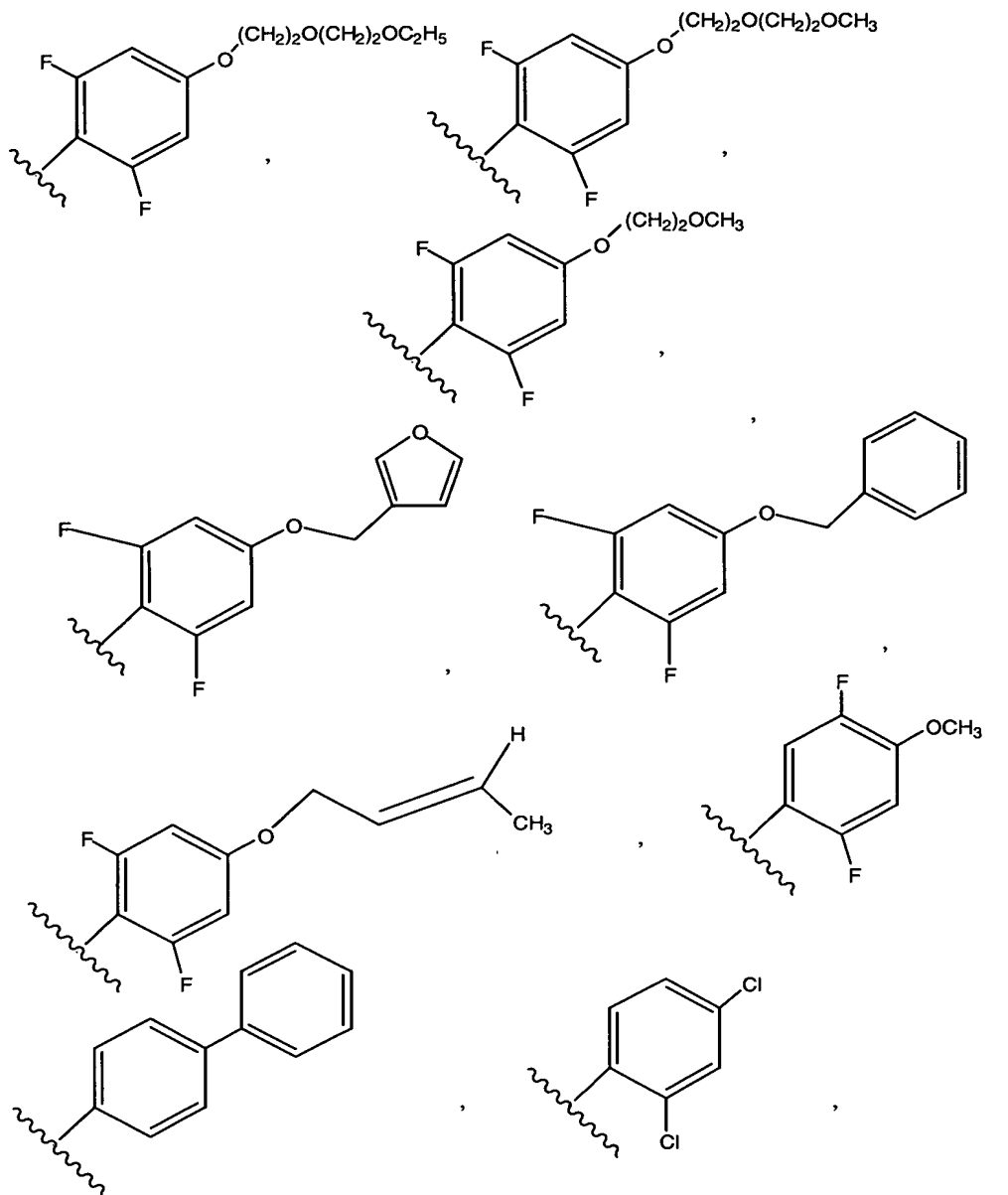


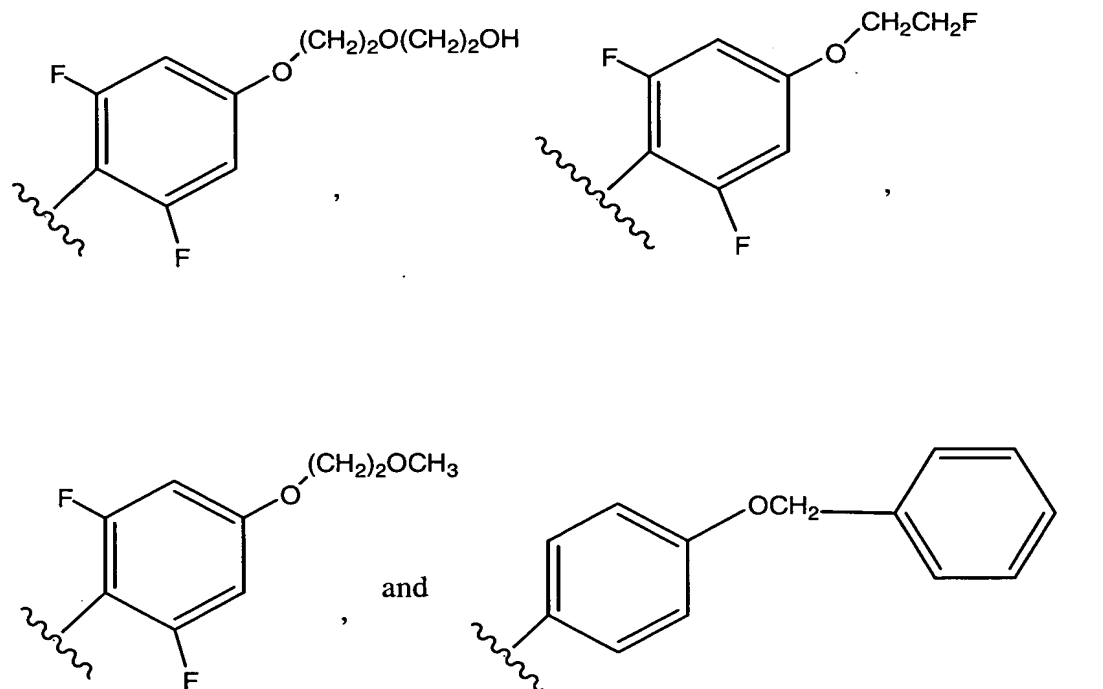








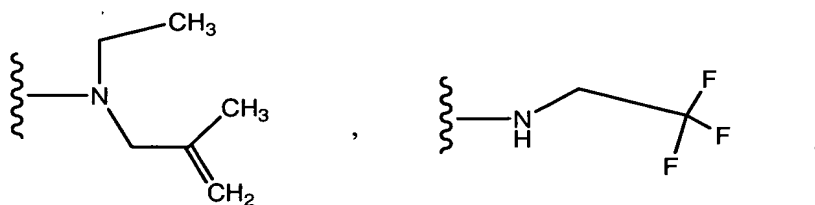
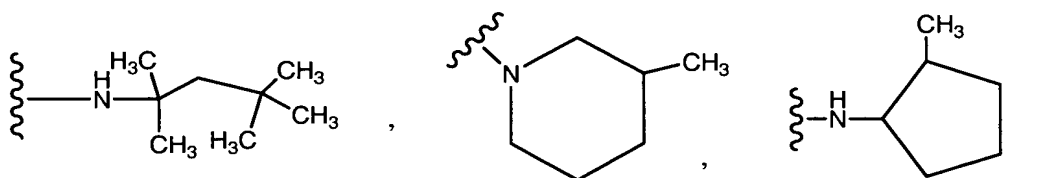
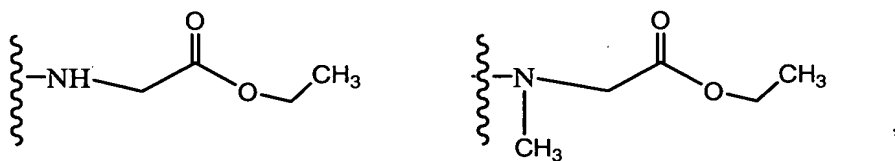
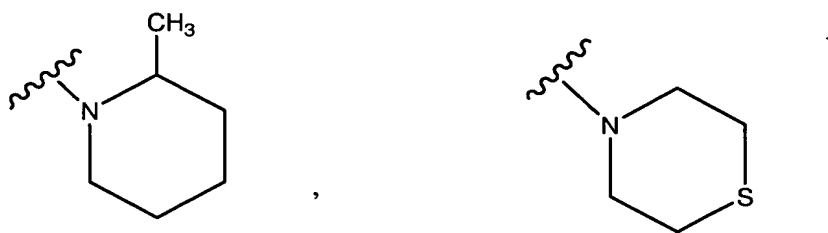
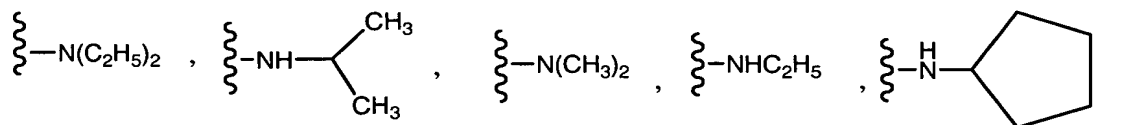


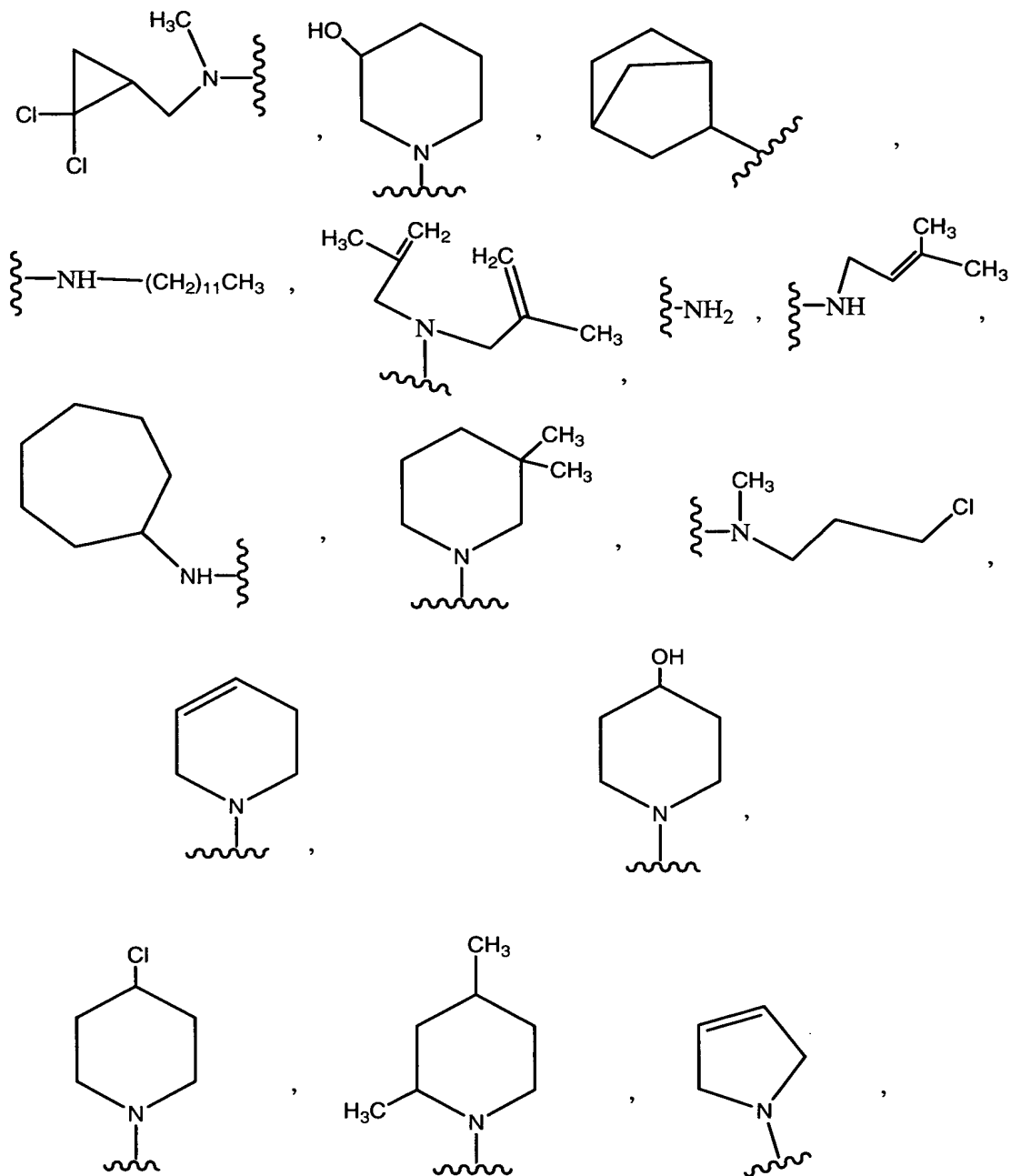


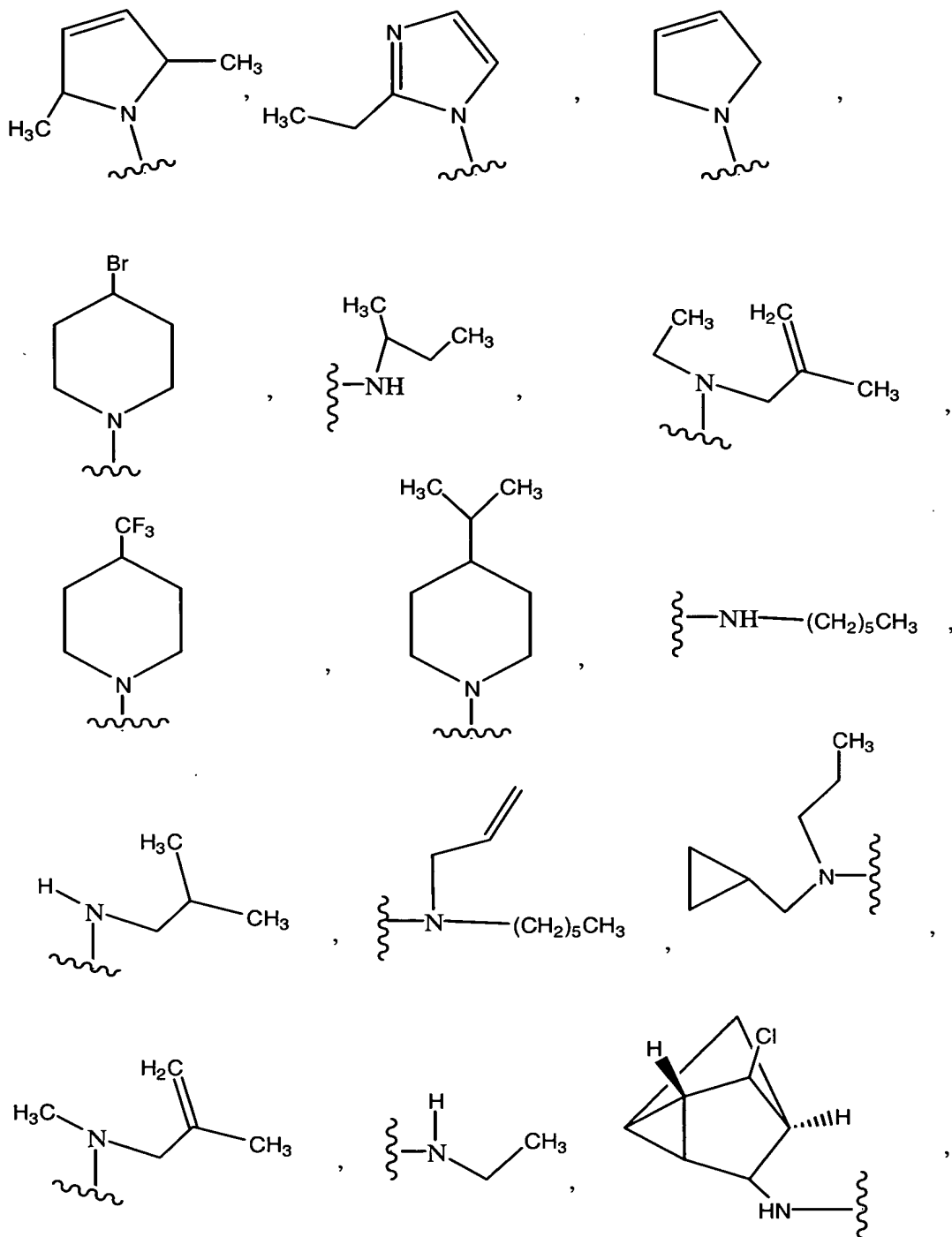
R<sup>3</sup> is H, halogen, alkoxy of 1 to 6 carbon atoms,  $-NR^cR^d$ , alkylthio of 1 to 6 carbon atoms or cyano;

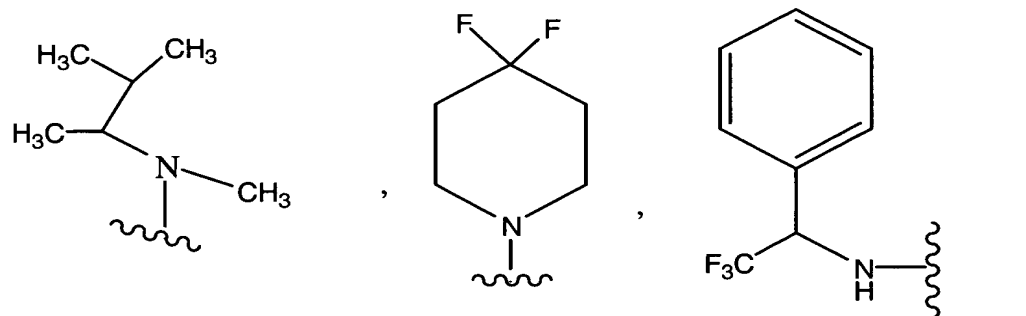
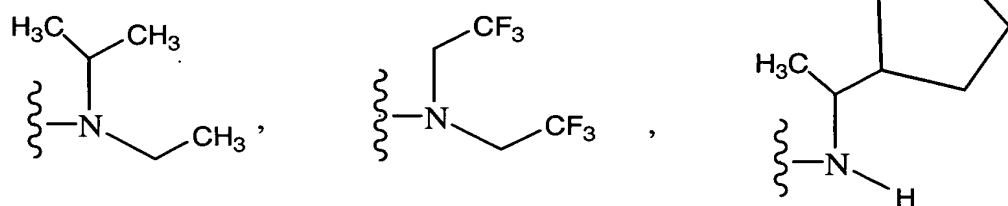
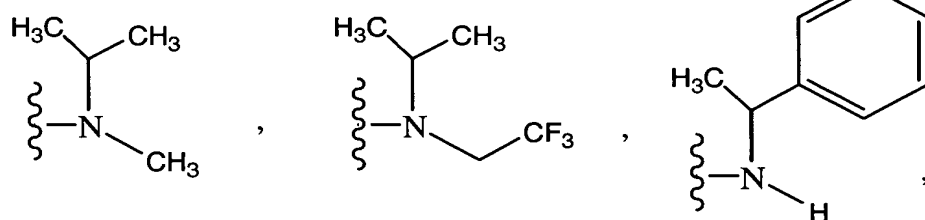
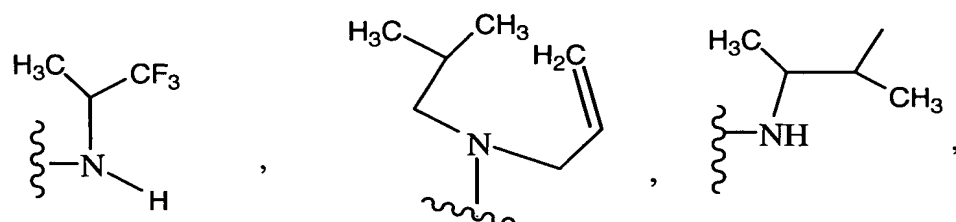
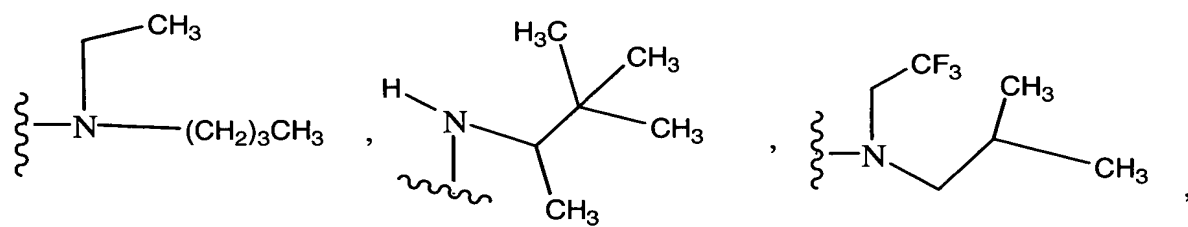
R<sup>4</sup> is H or a pharmaceutically acceptable salt thereof is administered.

20. (Previously presented): The method according to claim 2 wherein R<sup>1</sup> is selected from

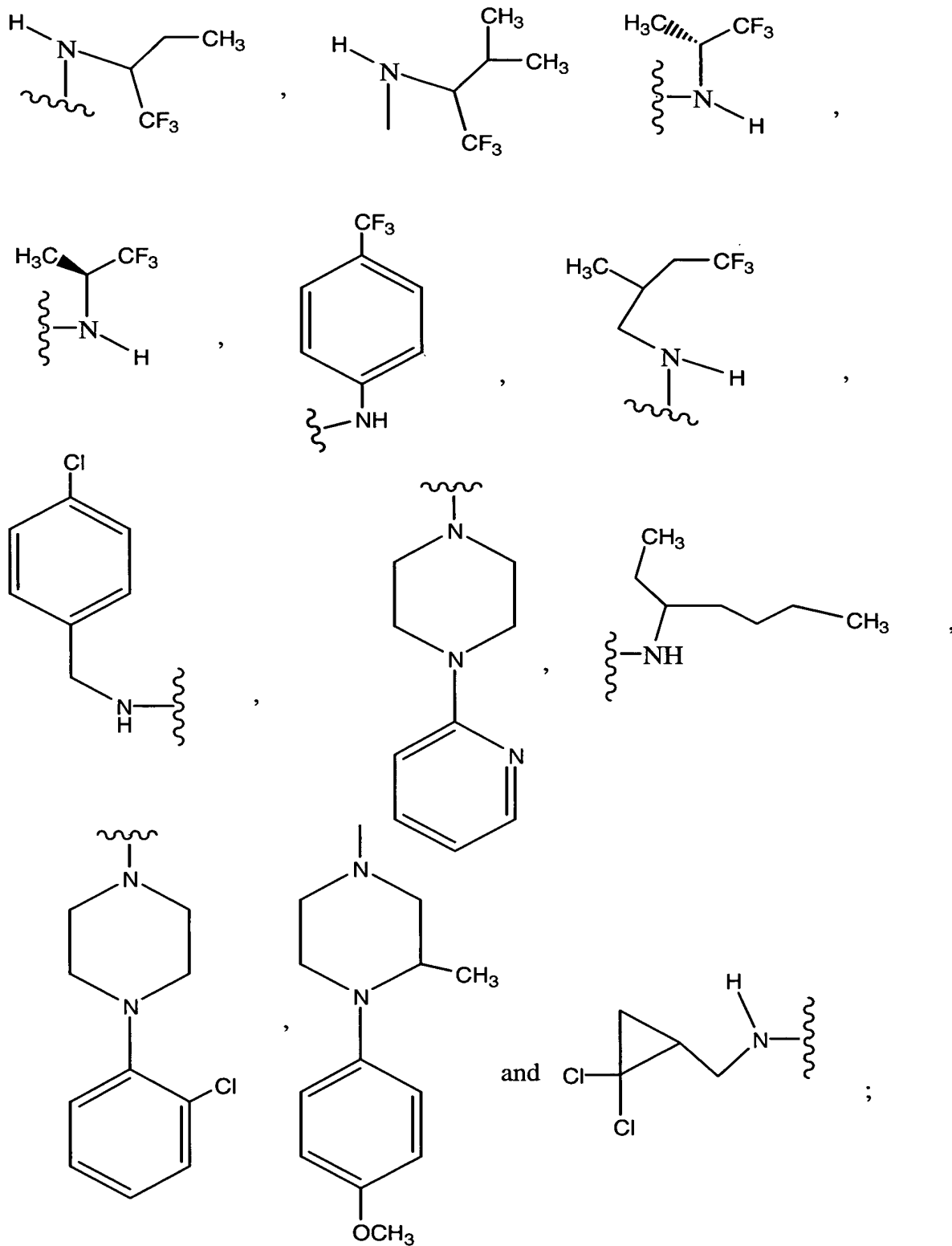












R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms or cyano;

$R^4$  is H or a pharmaceutically acceptable salt thereof is administered.

21. (Canceled)

22. (Previously presented): The method according to claim 2 wherein said compound is selected from:

5-chloro-6-(2,6-difluorophenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-methoxyphenyl)-7-(1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

methyl [[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl](methyl)amino]acetate;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,1,3,3-tetramethylbutyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(1-piperidiny)-6-[2-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

6-(4-tert-butylphenyl)-5-chloro-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-methoxyphenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-methoxyphenyl)-7-(3-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

6-(4-bromophenyl)-5-chloro-7-(3-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,4-difluorophenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-dichlorophenyl)-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

6-(4-tert-butylphenyl)-5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(2-methyl-1-piperidinyl)-6-[3-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

Diethyl 2-[6-(2,6-difluorophenyl)-5-ethoxy[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]malonate;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-ethyl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(2,2-dichlorocyclopropyl)methyl]-N-methyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3-piperidinol;

N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(3-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,5-difluorophenyl)-N-dodecyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,3,6- trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

N-[5-chloro-6-(2,3,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-isopropylamine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,3,6- trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-allyl-5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2-methyl-2- propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-N-cycloheptyl[1,2,4]triazolo[1,5- a]pyrimidin-7-amine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-7-(3,3-dimethyl-1- piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(3-chloropropyl)-N-methyl-6-(2,3,6- trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluorophenyl)-7-(3,6-dihydro-1(2H)- pyridinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-methoxy-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7- yl]methanol;

1-[5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-4-piperidinol;

5-chloro-7-(4-chloro-1-piperidinyl)-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-7-(4-thiomorpholinyl)-6-(2,3,6-trifluorophenyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-6-(2,6-difluorophenyl)-7-(2,4-dimethyl-1- piperidinyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

7-(4-methyl-1-piperidinyl)-5-amino-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2,6-difluorophenyl)-7-(2,5-dihydro-1H-pyrrol-1- yl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2,5-dimethyl-2,5-dihydro-1H-pyrrol-1-  
yl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-ethyl-1H-imidazol-1- yl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

7-(4-bromo-1-piperidinyl)-5-chloro-6-(2-chloro-6- fluorophenyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2-methylphenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

6-(2-bromophenyl)-N-(sec-butyl)-5-chloro[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-6-(4-methoxyphenyl)-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-  
a]pyrimidin-7-amine;

5-chloro-6-(4-methoxyphenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-7-(4-chloro-1-piperidinyl)-6-[2- (trifluoromethyl)phenyl][1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(trifluoromethyl)-1-piperidinyl][1,2,4]triazolo[1,5-a]pyrimidine;

7-(4-bromo-1-piperidinyl)-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(4-bromo-1-piperidinyl)-5-chloro-6-(2-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isopropyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-thiomorpholinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[2-(1-pyrrolidinyl)-1-cyclopenten-1-yl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(4-isopropyl-1-piperidinyl)-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(2,4-dimethyl-1-piperidinyl)-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-[ethyl(2-methyl-2-propenyl)amino]-6-{4-nitrophenyl}[1,2,4]triazolo[1,5-a]pyrimidine;

N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluorophenyl)-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorobenzyl)-7-tetrahydro-2-furanyl[1,2,4]triazolo[1,5-a]pyrimidine;

7-(allylsulfanyl)-5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-6-mesityl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-6-(2-methoxyphenyl)-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-hexyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-(sec-butyl)-5-chloro-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[4-(methylsulfanyl)phenyl]-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[(2,2,2-trifluoroethyl)sulfanyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-dimethyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,5-difluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(isopropylsulfanyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-tetrahydro-2-furanyl[1,2,4]triazolo[1,5-a]pyrimidine;

4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]aniline;

N-{4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]phenyl}acetamide;

[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]methyl acetate;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(chloromethyl)[1,2,4]triazolo[1,5-a]pyrimidine;

diethyl 2-[6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-5-yl]malonate;

N-allyl-5-chloro-6-(2-chloro-6-fluorophenyl)-N-hexyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-[4-(trifluoromethoxy)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-(4-phenoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(cyclopropylmethyl)-N-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(2-methyl-1-piperidinyl)-6-(4-phenoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;



5-chloro-6-{2-chloro-4-nitrophenyl}-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-chloro-2,3,5,6-tetrafluorophenyl)-N-cyclopentyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

4-[5-chloro-2-methyl-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-N,N-dimethylaniline;

6-(2-chloro-6-fluorophenyl)-5-methyl-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[2-(1-pyrrolidiny)-1-cyclohexen-1-yl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(methoxymethyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-{2-chloro-4-nitrophenyl}-7-[ethyl(2-methyl-2-propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidine;

5-bromo-6-(2-chloro-6-fluorophenyl)-7-(isopropylsulfany)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(4-ethoxy-2,3,5,6-tetrafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

4-bromo-1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]butyl acetate;

diethyl 2-allyl-2-{[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]oxy}malonate;

6-(2-chloro-6-fluorophenyl)-N-ethyl-5-methyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-butyl-5-chloro-N-ethyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-(2-chloro-6-fluorophenyl)-5-(difluoromethoxy)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[(4-chlorophenyl)sulfanyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[(2-methoxyphenyl)sulfanyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,3,4,5,6-pentafluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(4-fluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5,7-bis(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-methylphenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,4,5-trifluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-(2-bromophenyl)-5-chloro-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isobutyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isobutyl-6-(2-methylphenyl)-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-allyl-5-chloro-N-isobutyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isopropyl-N-methyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isopropyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-butyl-5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-N-isobutyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-hexyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-methylphenyl)-N,N-bis(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-cyclopentyl-N-methyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-butyl-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(1,2-dimethylpropyl)-N-methyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-phenyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-methylpropanyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-pentyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(1,2-dimethylpropyl)-N-methyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-bromo-5-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3,3,3-trifluoropropyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3-methylphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

[5-chloro-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-(1-p-tolyl-ethyl)-amine;

5-chloro-6-(2,4,6-trifluoro-phenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-cyclohexyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-difluoro-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(bicyclo[2.2.1]hept-2-ylamino)-5-chloro-6-{2-fluoro-4-nitrophenyl}[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-{2-fluoro-4-nitrophenyl}-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-(methylsulfanyl)-6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl] (2,2,2-trifluoro-1-phenylethyl)-amine;

5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-bromo-6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidin-5-amine;

[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-(2-methyl-1-trifluoromethyl-propyl)amine;

5-chloro-7-(3-cyclohexen-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(1-cyclohexen-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-[(1R)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-(2,4-difluorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-cyclohexyl-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-cyclohexyl-6-(2,6-difluoro-4-methoxyphenyl)-5-methoxy[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(4-fluorocyclohexyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-dichloro-4-fluorophenyl)-7-(3,3,3-trifluoropropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-(sec-butyl)-5-chloro-6-(2,6-dichloro-4-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

4-{5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl}-3,6-difluorophenol;

5-chloro-7-(3-cyclohexen-1-yl)-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-cyclopentyl-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(3,6-dihydro-1(2H)-pyridinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-fluorocyclohexyl)[1,2,4]triazolo[1,5-a]pyrimidine;

6-(4-{5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl}-3,5-difluorophenoxy)hexanoic acid;

2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isopropyl-6-{2-[(trifluoromethyl)sulfanyl]phenyl}[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-[4-(trifluoromethyl)phenyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(4,4,4-trifluoro-2-methylbutyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(3-methyl-3-butenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-isobutyl[1,2,4]triazolo[1,5-a]pyrimidine;

7-cyclopentyl-6-(2,6-difluoro-4-methoxyphenyl)-5-methoxy[1,2,4]triazolo[1,5-a]pyrimidine;

4-[5-chloro-7-(2,2,2-trifluoro-1-methyl-ethylamino)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro-phenol;

{5-chloro-6-[2,6-difluoro-4-(2,2,2-trifluoro-ethoxy)-phenyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl}-(2,2,2-trifluoro-1-methyl-ethyl)amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

(5-chloro-6-{4-[2-(2-ethoxyethoxy)-ethoxy]-2,6-difluoro-phenyl}[1,2,4]triazolo[1,5-a]pyrimidin-7-yl)-(2,2,2-trifluoro-1-methylethyl)amine;

(5-chloro-6-{2,6-difluoro-4-[2-(2-methoxy-ethoxy)ethoxy]-phenyl}-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl)-(2,2,2-trifluoro-1-methylethyl)amine;

{5-chloro-6-[2,6-difluoro-4-(furan-3-ylmethoxy)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-yl}-N-(2,2,2-trifluoro-1-methylethyl)amine;



5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-cyclohexyl-6-[2,6-difluoro-4-(2-methoxyethoxy)phenyl]-5-methoxy[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-fluoro-4-methoxy-6-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-ethyl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

2-[2-(4-{5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl}-3,5-difluorophenoxy)ethoxy]ethanol;

5-chloro-6-(2,3-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-{4-(2-fluoroethoxy)-2,6-difluorophenyl}-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(4-chlorobenzyl)-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(2-pyridinyl)-1-piperazinyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-ethylpentyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(2-chlorophenyl)-1-piperazinyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(4-methoxyphenyl)-3-methyl-1-piperazinyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-phenoxy-6-(4-methoxy-phenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(4-methylphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5,7-diphenoxy-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(2-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N,N-diethyl-6-[4-methoxyphenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N,N-diethyl-6-[2,4-dichlorophenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4-dichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-cyano-7-(4-methyl-1-piperidinyl)-6-(2-chloro-5-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-(methylsulfanyl)-7-(4-methyl-1-piperidinyl)-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-(methylsulfanyl)-7-(4-methyl-1-piperidinyl)-6-(2-chloro-5-(methylsulfanyl)phenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(4-(methylsulfanyl)phenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

2-methyl-6,7-di-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

2-methyl-6-phenyl-7-(4-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

2-trifluoromethyl-6-phenyl-7-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5,7-diphenoxy-6-(2-methylpropyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,4-difluorophenyl)-N-(isopropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-bromo-6-(4-bromophenyl)-7-dimethylamino[1,2,4]triazolo[1,5-a]pyrimidine;

5-bromo-6-(4-trifluoromethylphenyl)-7-dimethylamino[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,4-difluorophenyl)-7-dimethylamino[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-trifluoromethylphenyl)-N-(ethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

ethyl {[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino}acetate;

diethyl 5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-malonate;

5-chloro-6-(2,5-difluorophenyl)-N-(3-methyl-2-butenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

[5-chloro-6-(2-chloro-6-fluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]acetic acid methyl ester;

5-chloro-6-(2,6-difluorophenyl)-7-(2-ethyl-1H-imidazol-1-yl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N,N-diethyl-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

ethyl [6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidiny)-[1,2,4]triazolo[1,5-a]pyrimidin-5-yl]acetate;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(4-phenoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

dimethyl 2-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]malonate;

diethyl 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]oxy]-2-isobutylmalonate;

2-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-1,3-cyclohexanedione;

2-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]cyclohexanone;

5-chloro-7-(3-nitro-4-methylanilino)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

7-cyclohexyl-6-[2,6-difluoro-4-(2-methoxyethoxy)phenyl]5-(2-methoxyethoxy)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(3-bromophenyl)-2-ethyl-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(3-bromophenyl)-6-(3-chlorophenyl)-2-ethyl[1,2,4]triazolo[1,5-a]pyrimidine;

7-(4-bromophenyl)-2-ethyl-6-[4-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(3,4,5-trimethoxybenzyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-(2-benzyl-4,5-dihydro-1H-imidazol-1-yl)-5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

N-4-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl-N,N-1-diethyl-1,4-pentanediamine;

5-chloro-N-(3-methyl-2-butenyl)-6-phenyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-dimethylamino-6-phenyl-N-cyclopentyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-[(2-furylmethyl)sulfanyl]-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

6-[1,1'-biphenyl]-4-yl-5-chloro-N-cyclopentyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-[4-(benzyloxy)phenyl]-5-chloro-N-isopropyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-[(2,2-dichlorocyclopropyl)methyl]-6-(3,4,5-trimethoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-cyclopentyl-6-(2-fluorophenyl)-5-hydrazino[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-6-(2-methylphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-(4-tert-butylphenyl)-5-chloro-N-isopropyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-difluoro-4-[(3-methyl-2-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)-1[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-difluoro-4-(1-propenyloxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)-1[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(tricyclo{2.2.1.0<sup>2,6</sup>}hept-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-azido-7-cyclohexyl-6-(2-fluoro-6-chlorophenyl) [1,2,4]triazolo[1,5-a]pyrimidine;

5-azido-6-[2-chloro-6-fluorophenyl]-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine; and

2,5-dichloro-7-(4-methyl-1-piperidinyl)-6-[2-chloro-6-fluorophenyl][1,2,4]triazolo[1,5-a]pyrimidine or a pharmaceutically acceptable salt thereof is administered.

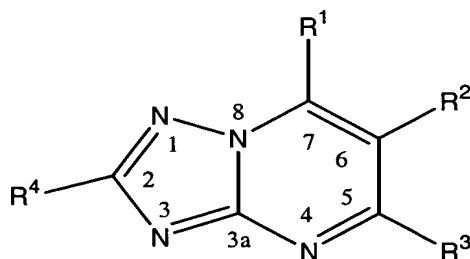
23-66. (Canceled)

67. (Original): The method according to claim 2 wherein the cancerous tumor cells are selected from the group consisting of breast, colon, lung, prostate, melanoma, epidermal, leukemia, kidney, bladder, mouth, larynx, esophagus, stomach, ovary, pancreas, liver, skin and brain.

68-73 (Canceled)

74. (Previously presented): The method of claim 75 wherein the multiple drug resistance (MDR) is mediated by p-glycoprotein or MXR.

75. (Currently amended): A method for the treatment or prevention of cancerous tumor cells that express multiple drug resistance (MDR), in a mammal in need thereof which method comprises administering to said mammal an effective amount of a substituted triazolopyrimidine derivative selected from those of Formula (I):



(I)

wherein:

$R^1$  is selected from the group consisting of halogen, ~~an optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

alkoxy of 1 to 12 carbon atoms, optionally substituted aryl of 6, 10 or 14 carbon atoms, -CN, hydroxy, halogen, carbamoyl, carboxy, alkoxycarbonyl of 2 to 12 carbon atoms, ~~optionally substituted~~ heterocyclyl of 5 or 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
~~optionally substituted~~ bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino,

alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

-S-aryl of 6, 10 or 14 carbon atoms, -S-alkyl of 1 to 12 carbon atoms, -S-cycloalkyl of 3 to 8 carbon atoms, -S-alkenyl of 2 to 12 carbon atoms, -SO<sub>2</sub>aryl of 6, 10 or 14 carbon atoms, -SO<sub>2</sub>cycloalkyl of 3 to 8 carbon atoms, -SO<sub>2</sub>alkyl of 1 to 12 carbon atoms, -O-aryl of 6, 10 or 14 carbon atoms, and the moiety -NR<sup>a</sup>R<sup>b</sup>;

R<sup>a</sup> is H, ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano,



thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 8 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ tricycloalkyl, aryl of 6, 10 or 14 carbon atoms, ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>b</sup> is H, an ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6, 10 or 14 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino,

alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 10 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

-S-aryl of 6, 10 or 14 carbon atoms, -S-alkyl, -S-alkenyl, -SO<sub>2</sub>aryl of 6, 10 or 14 carbon atoms, -SO<sub>2</sub>cycloalkyl, -SO<sub>2</sub>alkyl, -O-aryl of 6, 10 or 14 carbon atoms, ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxy carbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl ;

or

$R^a$  and  $R^b$  when taken together with the nitrogen atom to which each is attached ~~form an optionally substituted~~ form a heterocyclyl ring from 5 or 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

$R^2$  is, ~~optionally substituted~~ phenyl, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

$R^3$  is H, halogen, alkyl of 1 to 12 carbon atoms, alkoxy of 1 to 12 carbon atoms, aryloxy,  $-NR^cR^d$ , aralkyloxy, alkylthio of 1 to 12 carbon atoms, ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
aryl, hydroxy, carbamoyl, carboxy, alkoxycarbonyl of 2 to 12 carbon atoms, cyano, amino, alkylamino of 1 to 12 carbon atoms, dialkylamino of 1 to 12 carbon atoms, or  $-N_3$ ;

$R^c$  is H, amino, ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
~~optionally substituted~~ alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino,

dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 10 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

aryl of 6, 10 or 14 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>d</sup> is H, amino, ~~optionally substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 12 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 12 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 12 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino,

dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 10 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ bicycloalkyl of 5 to 10 carbon atoms, said bicycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

aryl of 6, 10 or 14 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

or

$R^c$  and  $R^d$  when taken together with the nitrogen atom to which each is attached ~~form a~~ form an optionally-substituted heterocyclyl ring of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

$R^4$  is H, ~~optionally-substituted~~ alkyl of 1 to 12 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ alkoxy of 1 to 12 carbon atoms, said alkoxy being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

amino, alkyl amino of 1 to 12 carbon atoms, dialkylamino of 1 to 12 carbon atoms, alkylthio of 1 to 12 carbon atoms, halogen, cyano, carboxy, alkoxycarbonyl of 2 to 12 carbon atoms, ~~optionally-substituted~~ heterocyclyl of 3 to 12 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, halogen, carbamoyl, or optionally-substituted aryl of 6, 10 or 14 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;



provided that when: a)  $R^1$  is diethylamino,  $R^3$  is chloro,  $R^4$  is hydrogen,  $R^2$  is not 4-trifluoromethylphenyl, 3,4-dichlorophenyl, 4-chlorophenyl, or 3-chloro-4-methoxyphenyl 3-chloro-4-methoxyphenyl; b)  $R^1$  is diethylamino,  $R^3$  is bromo,  $R^4$  is hydrogen,  $R^2$  is not 4-trifluoromethylphenyl; c)  $R^1$  is isopropylamino,  $R^3$  is chloro,  $R^4$  is hydrogen,  $R^2$  is not 2-benzyloxyphenyl or 3,4,5-trimethoxyphenyl; d)  $R^1$  is cyclopentylamino,  $R^3$  is chloro,  $R^4$  is hydrogen,  $R^2$  is not 3,4,5-trimethoxyphenyl, 2-naphthyl or 2-stilbene; e)  $R^1$  is 2-amino-bicyclo(2.2.1.)heptyl,  $R^3$  is chloro,  $R^4$  is hydrogen,  $R^2$  is not 3,4,5-trimethoxyphenyl and f)  $R^1$  is diethylamino,  $R^3$  is chloro,  $R^4$  is hydrogen,  $R^2$  is not 4-trifluoromethylphenyl and g)  $R^1$  is 1,1,1-trifluoroethoxy,  $R^3$  is chloro,  $R^4$  is hydrogen,  $R^2$  is not 2-chloro-6-fluorophenyl h)  $R^1$  is  $-\text{SO}_2\text{ethyl}$  or  $-\text{SO}_2\text{cyclopentyl}$ ,  $R^3$  is chloro,  $R^4$  is hydrogen,  $R^2$  is not 2-chloro-6-fluorophenyl; i)  $R^4$  is hydrogen,  $R^2$  is 2-chloro-6-fluorophenyl,  $R^1$  and  $R^3$  are not 1,2,4-triazole; j)  $R^1$  is cyclohexyl,  $R^4$  is hydrogen,  $R^2$  is 2,4,6-trifluorophenyl, and  $R^3$  is not  $-\text{OCH}_2\text{O}_2\text{C}(\text{CH}_3)_3$ ; k)  $R^1$  is 2-thienyl,  $R^4$  is ethyl,  $R^3$  is hydrogen and  $R^2$  is not 2-methoxyphenyl, 4-methoxyphenyl, and 4-trifluorophenyl; l)  $R^2$  is phenyl,  $R^3$  is chloro,  $R^4$  is hydrogen  $R^1$  is not (2E)-3,7-dimethyl-2,6-octadienyl;  
or a pharmaceutically acceptable salt thereof.

76. (Currently amended): The method according to claim 75 wherein  $R^1$  is selected from the group consisting of ~~an optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino,

dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6, or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

-S-aryl of 6, or 10 carbon atoms, -S-alkyl of 1 to 6 carbon atoms, -S-alkenyl of 2 to 6 carbon atoms,  $-SO_2$ aryl of 6, or 10 carbon atoms,  $-SO_2$ cycloalkyl of 3 to 6 carbon atoms,  $-SO_2$ alkyl of 1 to 6 carbon atoms, -O-aryl of 6, or 10 carbon atoms, and the moiety  $-NR^aR^b$ ;

$R^a$  is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, optionally substituted cycloalkyl of 3 to 6 carbon atoms, optionally substituted aryl of 6 or 10 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ heterocyclyl of 3 to 6 ring atoms, optionally ortho fused with an optionally substituted phenyl ring, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
or ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl ;

R<sup>b</sup> is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino,

dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 6 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

-S-aryl of 6 or 10 carbon atoms, -S-alkyl of 1 to 6 carbon atoms, -S-alkenyl of 2 to 6 carbon atoms, -SO<sub>2</sub>aryl of 6 or 10 carbon atoms, -SO<sub>2</sub>cycloalkyl of 3 to 6 carbon atoms, -SO<sub>2</sub>alkyl of 1 to 6 carbon atoms, -O-aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ heterocyclyl of 3 to 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl,

phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, said heterocyclyl optionally ortho fused with an optionally substituted with a phenyl ring, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl or optionally substituted benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

or a pharmaceutically acceptable salt thereof is administered.

77. (Currently amended): The method according to claim 75 wherein  $R^a$  or  $R^b$  represent an optionally substituted alkyl moiety of 1 to 12 carbon atoms wherein said optionally substituted alkyl is represented by the moiety  $-C^*H(R^e)(R^f)$  where  $R^e$  and  $R^f$  independently represent an ~~optionally halo-substituted~~ alkyl group of 1 to 12 carbon atoms said alkyl being optionally substituted with 0-3 halogen atoms where  $C^*$  represents the (R) or (S) isomer or a pharmaceutically acceptable salt thereof is administered.

78. (Canceled)

79. (Currently Amended): The method according to claim 75 wherein  $R^3$  is halogen, alkyl of 1 to 6 carbon atoms, alkoxy of 1 to 6 carbon atoms, benzyloxy, haloalkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms, alkylamino of 1 to 6 carbon atoms, dialkylamino of 1 to 6 carbon atoms, or  $-NR^cR^d$ ;

$R^c$  is H, amino, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally-substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally-substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally-substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally-substituted~~ cycloalkenyl of 5 to 7 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally-substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally-substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl,

alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl  
 or ~~optionally substituted~~ heterocyclyl of 5 to 8 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

$R^d$  is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 6 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkadienyl of 4 to 6 carbon atoms, said alkadienyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ heterocyclyl of 5 to 8 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

or a pharmaceutically acceptable salt thereof is administered.

80. (Currently amended): The method according to claim 75 wherein R<sup>4</sup> is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ alkoxy of 1 to 6 carbon atoms, said alkoxy being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino,



dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

alkyl amino of 1 to 6 carbon atoms or dialkylamino of 1 to 6 carbon atoms, or a pharmaceutically acceptable salt thereof is administered.

81. (Currently amended): The method according to claim 75 wherein R<sup>1</sup> is selected from the group consisting of ~~an optionally substituted~~ alkyl of 1 to 3 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 3 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkynyl of 2 to 3 carbon atoms, said alkynyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ phenyl, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, optionally substituted cycloalkyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms;

~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said

cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

-S- phenyl, -S-alkyl of 1 to 3 carbon atoms, -S-alkenyl of 2 or 3 carbon atoms, -SO<sub>2</sub> phenyl, -O- ~~optionally substituted~~ phenyl, said phenyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl and the moiety -NR<sup>a</sup>R<sup>b</sup> wherein R<sup>a</sup> and R<sup>b</sup> when taken together with the nitrogen to which each is attached form a ~~form an optionally substituted~~ heterocyclyl ring of 5 or 6 ring atoms said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

or a pharmaceutically acceptable salt thereof is administered.

82. (Canceled)

83. (Previously presented): The method according to claim 75 wherein R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms, alkylamino of 1 to 6 carbon atoms or dialkylamino of 1 to 6 carbon atoms, or a pharmaceutically acceptable salt thereof is administered.

84. (Currently amended): The method according to claim 75 wherein R<sup>4</sup> is H, ~~optionally substituted~~ alkyl of 1 to 3 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

alkyl amino of 1 to 3 carbon atoms or dialkylamino of 1 to 3 carbon atoms, or a pharmaceutically acceptable salt thereof is administered.

85. (Currently amended): The method according to claim 75 wherein R<sup>1</sup> is selected from the group consisting of ~~an optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 12 carbon atoms said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, -S-aryl of 6, 10 or 14 carbon atoms, -S-alkyl of 1 to 6 carbon atoms, -S-alkenyl of 2 to 6 carbon atoms, -SO<sub>2</sub>aryl of 6, or 10 carbon atoms, -SO<sub>2</sub>cycloalkyl of 5 to 6 carbon atoms, -SO<sub>2</sub>alkyl of 1 to 6 carbon atoms, and the moiety -NR<sup>a</sup>R<sup>b</sup> wherein R<sup>a</sup> and R<sup>b</sup> when taken together with the nitrogen to which each is attached ~~form an optionally substituted~~ form a heterocyclyl ring of 5 or 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, or a pharmaceutically acceptable salt thereof is administered.

86. (Canceled)

87. (Currently amended): The method according to claim 75 wherein R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, cyano, haloalkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms, or -NR<sup>c</sup>R<sup>d</sup>;

R<sup>c</sup> is H, amino, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl.

aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano,

alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl or heterocyclyl;

R<sup>d</sup> is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, aryl of 6 or 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio,

alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl  
or heterocyclyl; or

R<sup>c</sup> and R<sup>d</sup> when taken together with the nitrogen atom to which each is attached ~~form an~~  
~~optionally-substituted~~ form a heterocyclyl ring from 3 to 8 ring atoms in which one -CH<sub>2</sub>-  
may also be replaced by -O-, -S-, or -NR' where R' is H or alkyl of 2 to 20 carbon atoms  
said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected  
from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy,  
haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl,  
alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl,  
benzyloxy, heterocyclyl, and cycloalkyl,  
or a pharmaceutically acceptable salt thereof is administered.

88. (Original): The method according to claim 75 wherein R<sup>4</sup> is H or a pharmaceutically acceptable salt thereof is administered.

89. (Currently amended): The method according to claim 75 wherein R<sup>1</sup> is selected from the group consisting of ~~an optionally-substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
~~optionally-substituted~~ cycloalkenyl of 3 to 6 carbon atoms in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, -S-aryl of 6 or 10 carbon atoms,  
said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

-S-alkyl of 1 to 6 carbon atoms, -S-alkenyl of 2 to 6 carbon atoms, -SO<sub>2</sub>aryl of 6 or 10 carbon atoms, -SO<sub>2</sub>cycloalkyl of 3 to 6 carbon atoms, -SO<sub>2</sub>alkyl of 1 to 6 carbon atoms, and the moiety -NR<sup>a</sup>R<sup>b</sup> wherein R<sup>a</sup> and R<sup>b</sup> optionally when taken together with the nitrogen to which each is attached ~~form a form-an-optionally-substituted~~ heterocyclyl ring of 5 or 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, haloalkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms or cyano; R<sup>4</sup> is H or a pharmaceutically acceptable salt thereof is administered.

90. (Currently amended): The method according to claim 75 wherein R<sup>1</sup> is the moiety -NR<sup>a</sup>R<sup>b</sup> wherein R<sup>a</sup> and R<sup>b</sup> optionally when taken together with the nitrogen to which each is attached ~~form an-optionally-substituted form a~~ heterocyclyl ring of 5 or 6 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>3</sup> is halogen, alkoxy of 1 to 6 carbon atoms, haloalkoxy of 1 to 12 carbon atoms, alkylthio of 1 to 12 carbon atoms, cyano, or -NR<sup>c</sup>R<sup>d</sup>, wherein R<sup>c</sup> and R<sup>d</sup> when taken together with the nitrogen to which each is attached ~~form a form-an-optionally-substituted~~ heterocyclyl ring of 5 to 8 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl;

R<sup>4</sup> is H or a pharmaceutically acceptable salt thereof is administered.

91. (Currently amended): The method according to claim 75 wherein R<sup>1</sup> is the moiety -NR<sup>a</sup>R<sup>b</sup> wherein R<sup>a</sup> and R<sup>b</sup> when taken together with the nitrogen to which each is attached ~~form an-optionally-substituted form a~~ heterocyclyl ring from 5 or 6 ring atoms, said

heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

R<sup>3</sup> is halogen, alkoxy, -NR<sup>c</sup>R<sup>d</sup>, haloalkoxy of 1 to 12 carbon atoms, alkylthio of 1 to 12 carbon atoms, cyano, or -N<sub>3</sub>;

R<sup>4</sup> is H;

R<sup>a</sup> is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms, in which one -CH<sub>2</sub>- may also be replaced by -O-, -S-, or -NR' where R' is H or an alkyl group of 1 to 6 carbon atoms, aryl of 6 or 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,



~~optionally substituted~~ heterocyclyl of 5 to 8 ring atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

or ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl ;

$R^b$  is H, ~~an optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ aryl of 6 or 10 carbon atoms, said aryl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio,

alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

$-S$ -aryl of 6 or 10 carbon atoms,  $-S$ -alkyl of 1 to 6 carbon atoms,  $-S$ -alkenyl of 2 to 6 carbon atoms,  $-SO_2$ aryl of 6 or 10 carbon atoms,  $-SO_2$ cycloalkyl of 3 to 6 carbon atoms,  $-SO_2$ alkyl of 1 to 6 carbon atoms,  $-O$ -aryl of 6 or 10 carbon atoms; or

$R^a$  and  $R^b$  when taken together with the nitrogen atom to which each is attached ~~form an~~ ~~optionally substituted~~ form a saturated or unsaturated heterocyclyl ring from 5 or 6 ring atoms in which optionally, at least one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 2 to 6 carbon atoms, said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

said saturated or unsaturated heterocyclyl ring may optionally be aryl or cycloalkyl fused;

$R^c$  is H, amino, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl,

alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 12 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 10 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, aryl of 6 or 10 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl or heterocyclyl;

$R^d$  is H, ~~optionally substituted~~ alkyl of 1 to 6 carbon atoms, said alkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ alkenyl of 2 to 6 carbon atoms, said alkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, aryl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl,

alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkyl of 3 to 6 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

~~optionally substituted~~ cycloalkenyl of 5 to 8 carbon atoms, in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or an alkyl group of 1 to 6 carbon atoms, said cycloalkenyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,

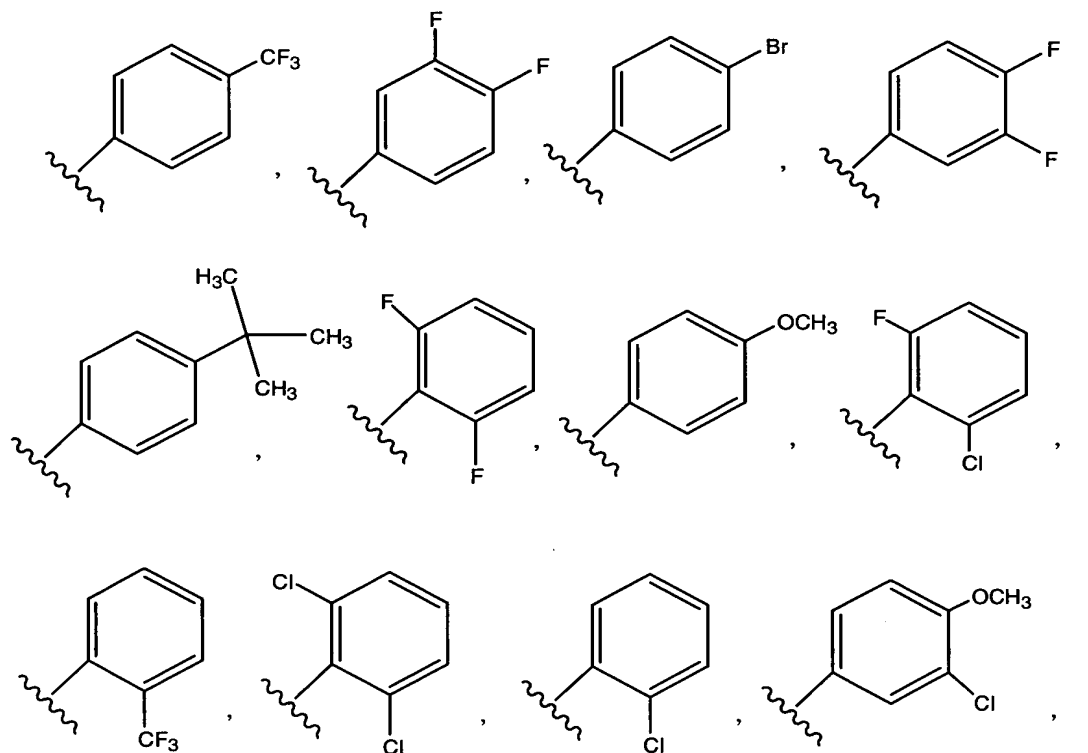
aryl of 6 or 10 carbon atoms, ~~optionally substituted~~ benzyl, said benzyl being optionally substituted with 0 to 5 substituents independently selected from halogen, nitro, cyano, alkenyl, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, alkenyloxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl

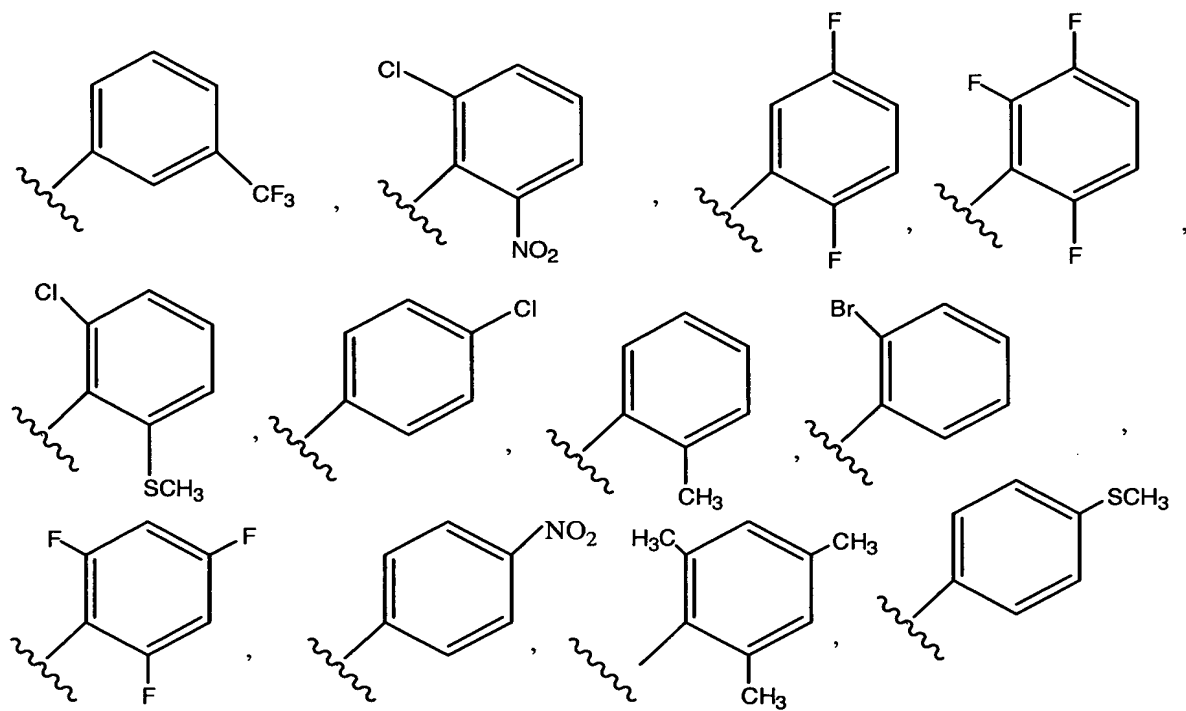
or heterocyclyl; or

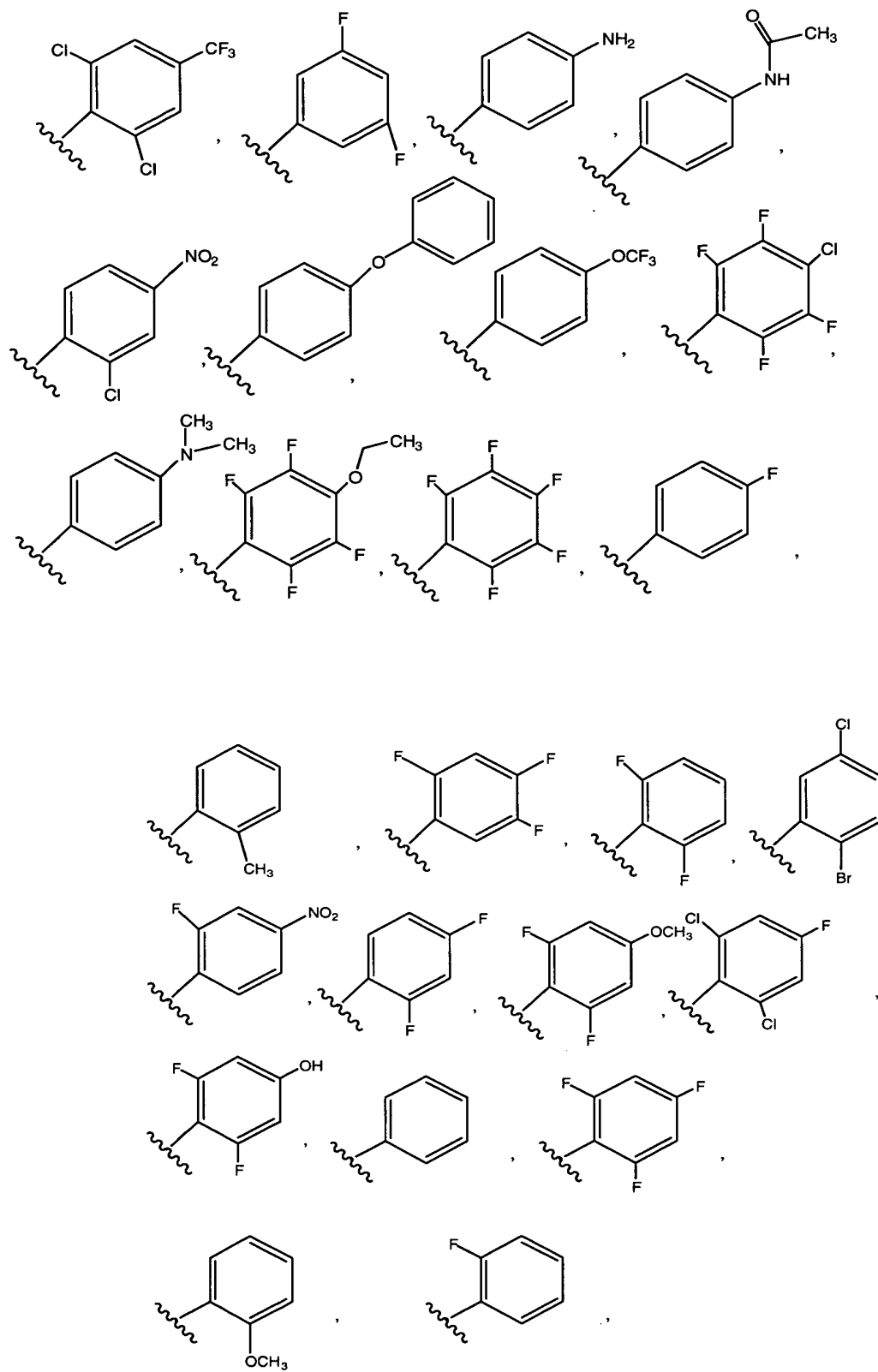
$R^c$  and  $R^d$  when taken together with the nitrogen atom to which each is attached ~~form an~~ ~~optionally substituted~~ form a heterocyclyl ring from 3 to 8 ring atoms optionally substituted in which one  $-CH_2-$  may also be replaced by  $-O-$ ,  $-S-$ , or  $-NR'$  where  $R'$  is H or alkyl of 2 to 20 carbon atoms said heterocyclyl being optionally substituted with 0 to 3 substituents independently selected from halogen, nitro, cyano, thiocyanato, cyanato, hydroxyl, alkyl, haloalkyl, alkoxy, haloalkoxy, amino, alkylamino, dialkylamino, formyl, alkoxycarbonyl, carboxyl, alkanoyl, alkylthio, alkylsulphinyl, alkylsulphonyl, carbamoyl, alkylamido, phenyl, phenoxy, benzyl, benzyloxy, heterocyclyl, and cycloalkyl,  
or a pharmaceutically acceptable salt thereof is administered.

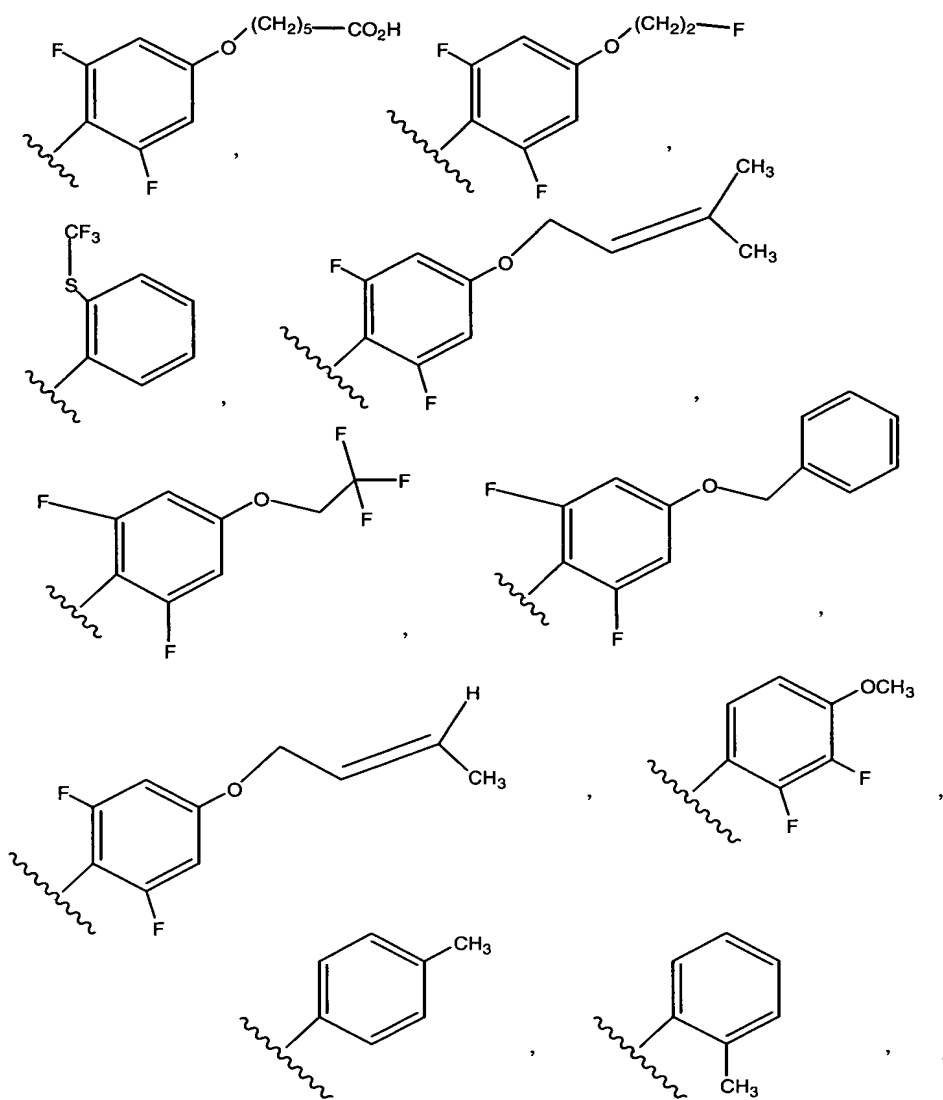
92. (Previously presented): The method according to claim 75 wherein  $R^1$  is the moiety  $-NR^aR^b$ ;

$R^2$  is selected from

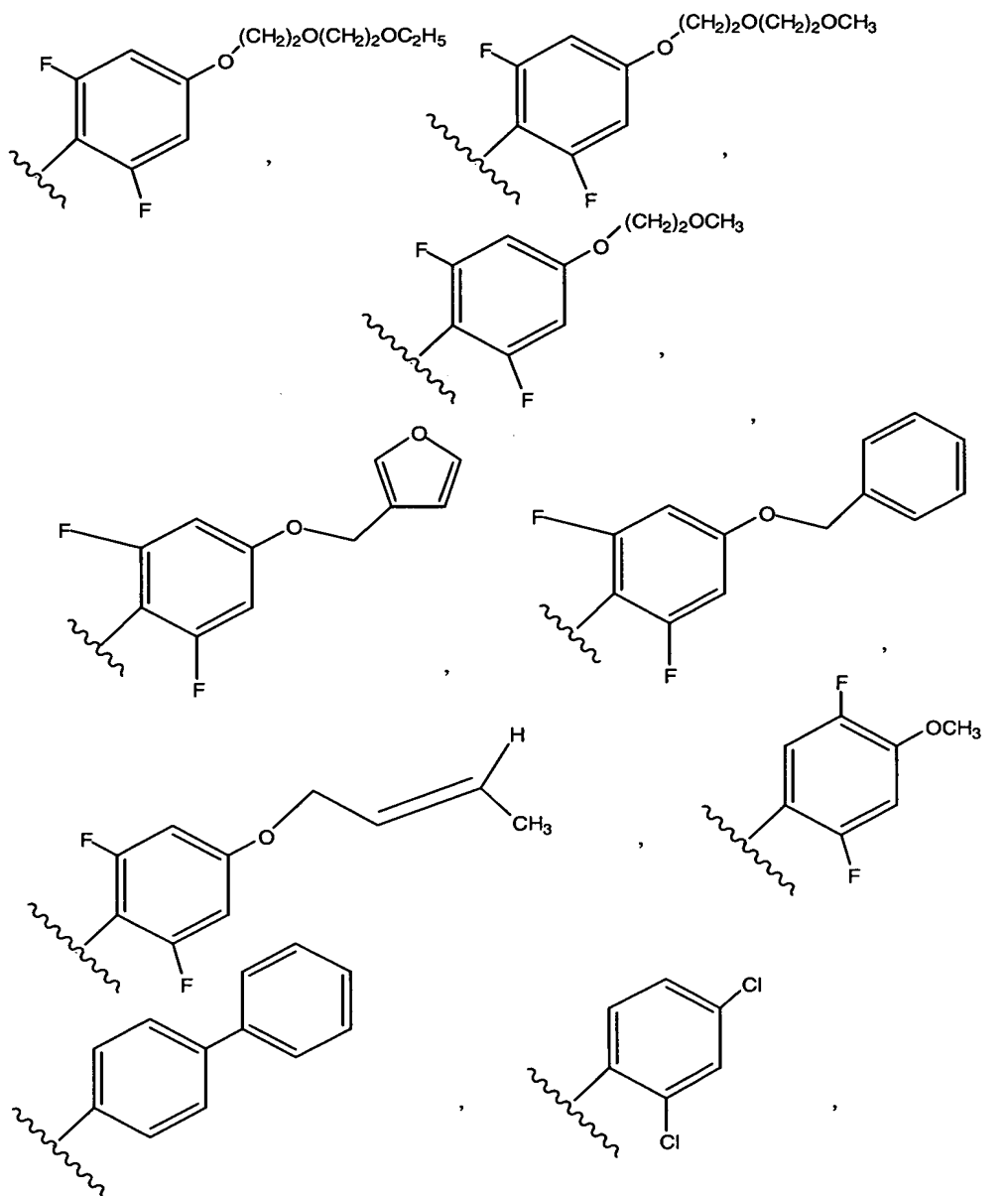


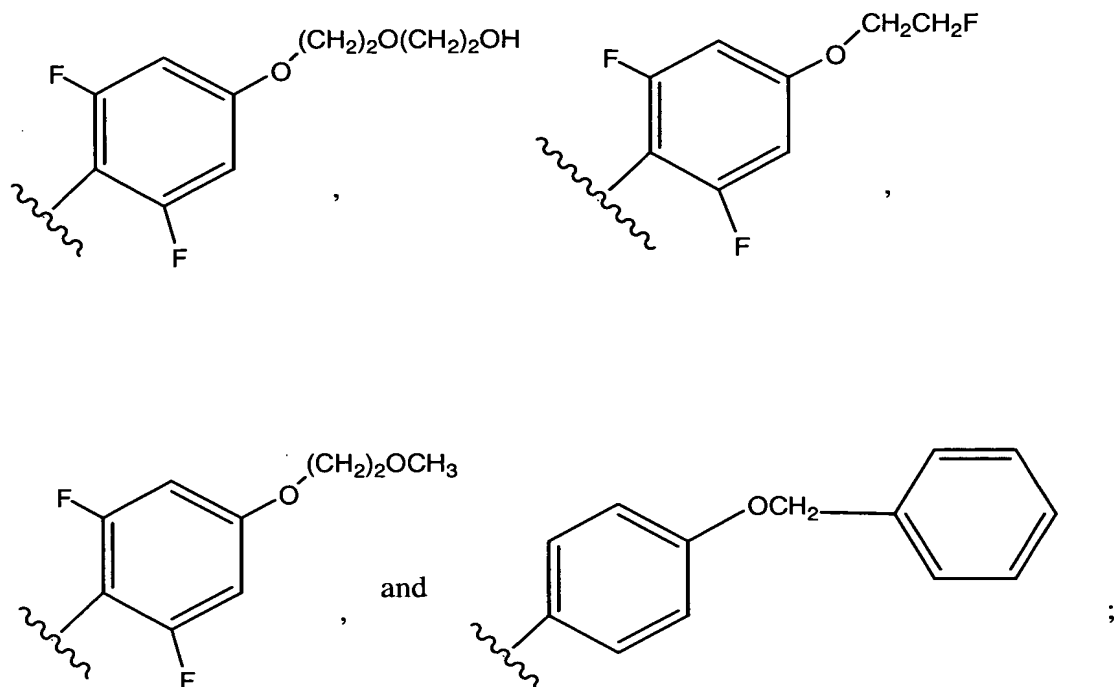








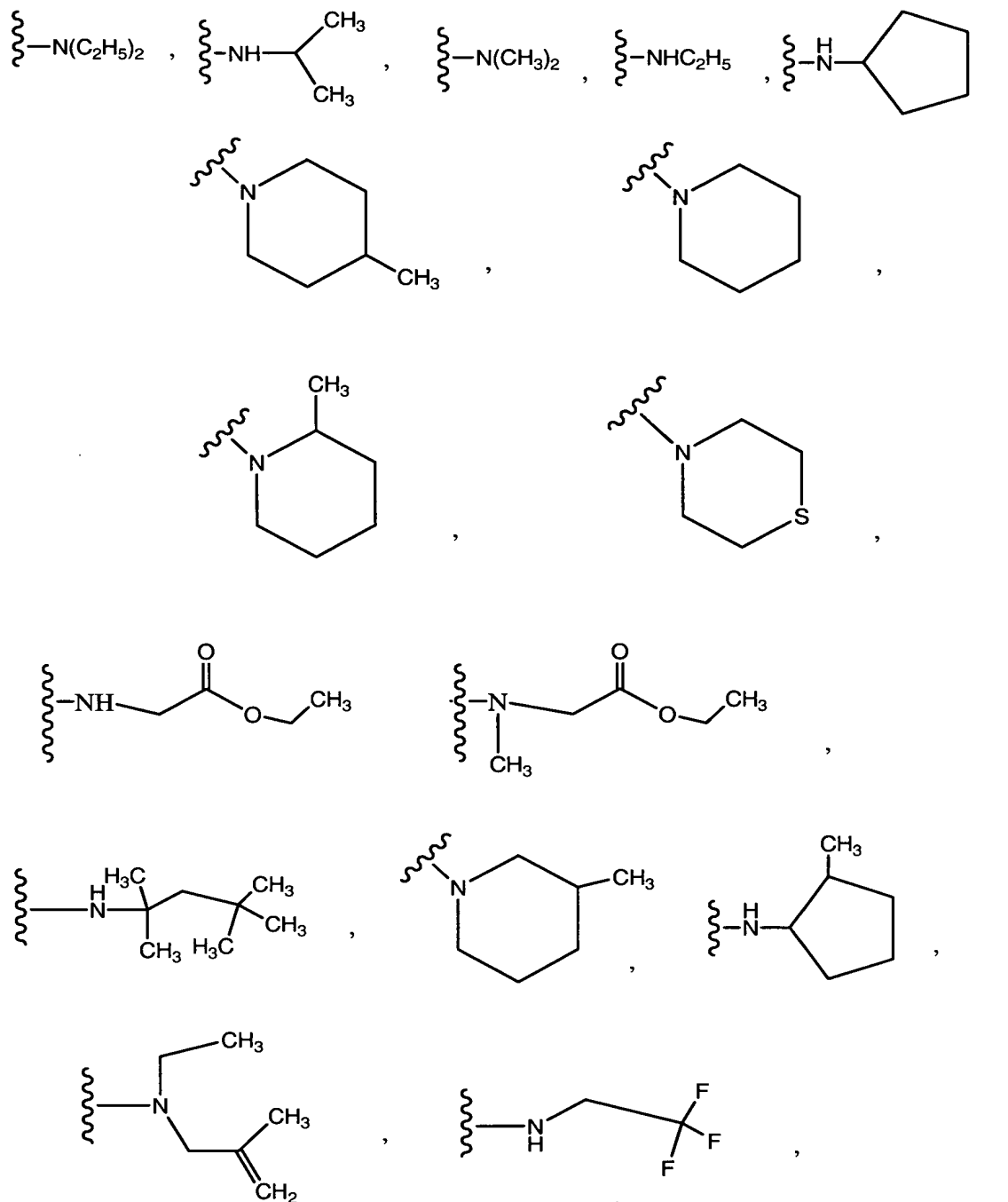


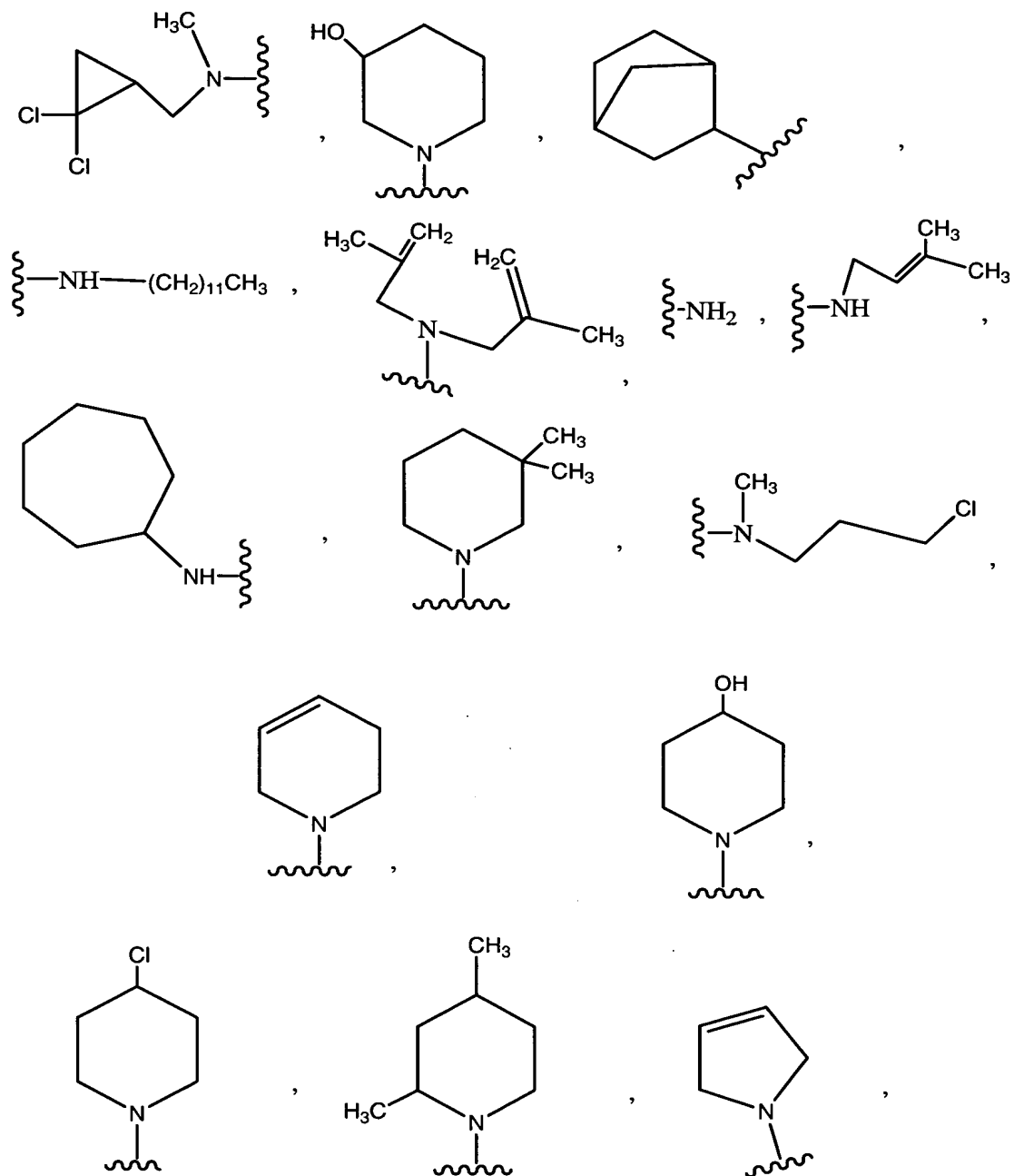


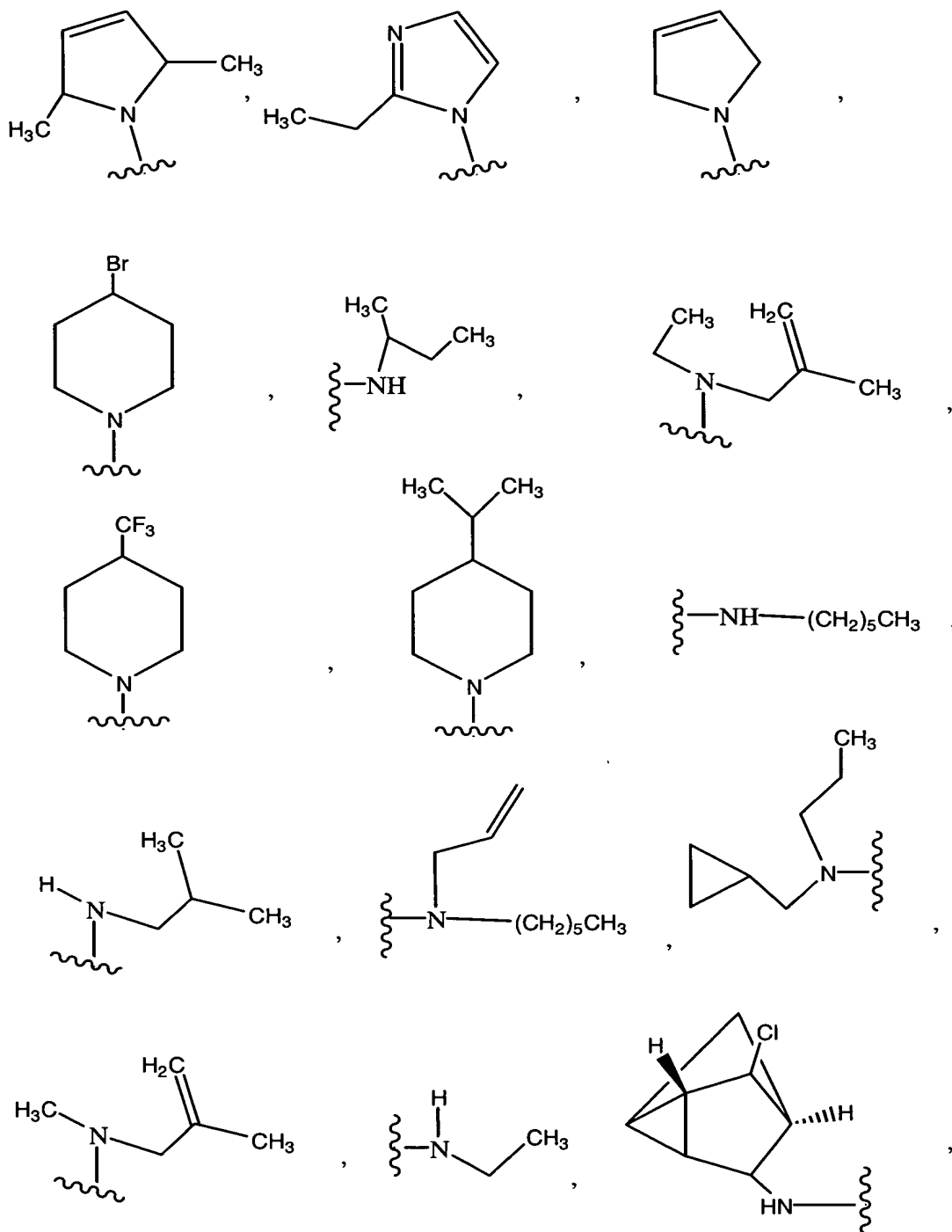
$R^3$  is H, halogen, alkoxy of 1 to 6 carbon atoms,  $-NR^cR^d$ , alkylthio of 1 to 6 carbon atoms or cyano;

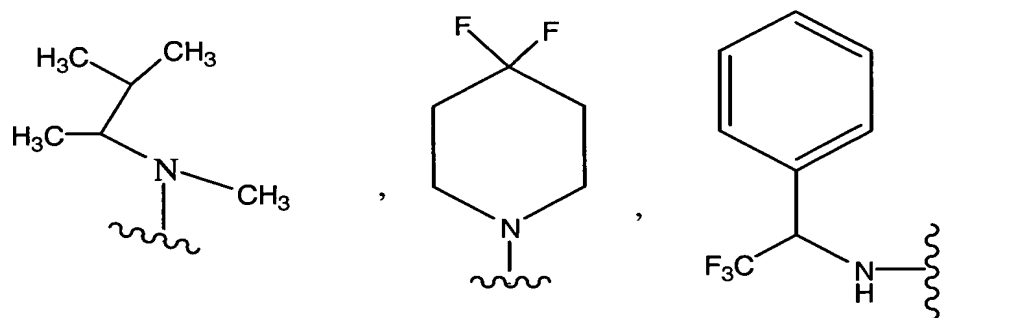
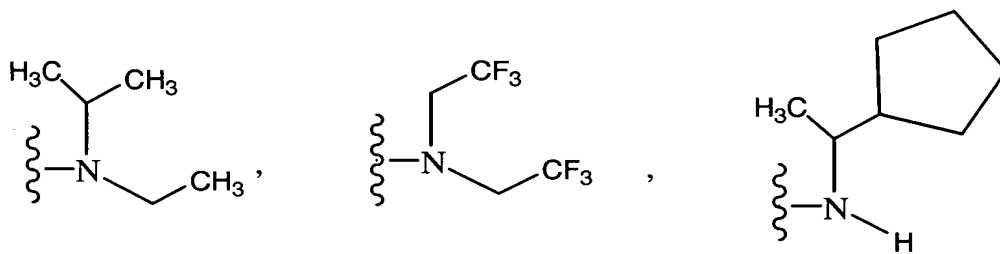
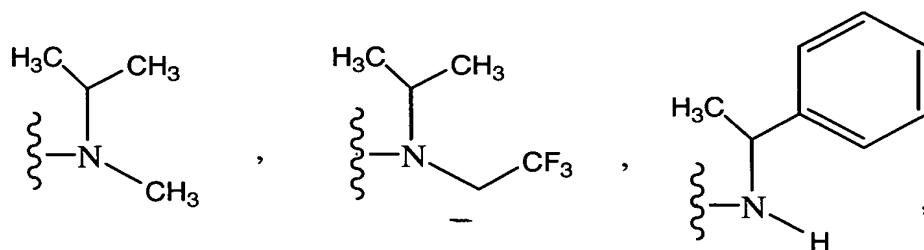
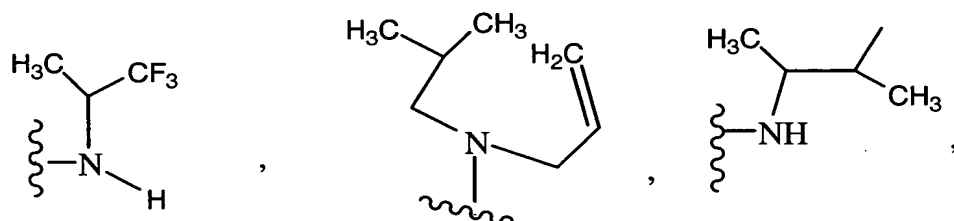
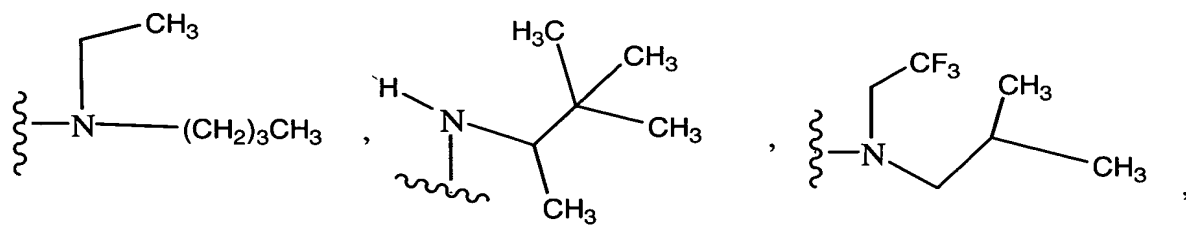
$R^4$  is H or a pharmaceutically acceptable salt thereof is administered.

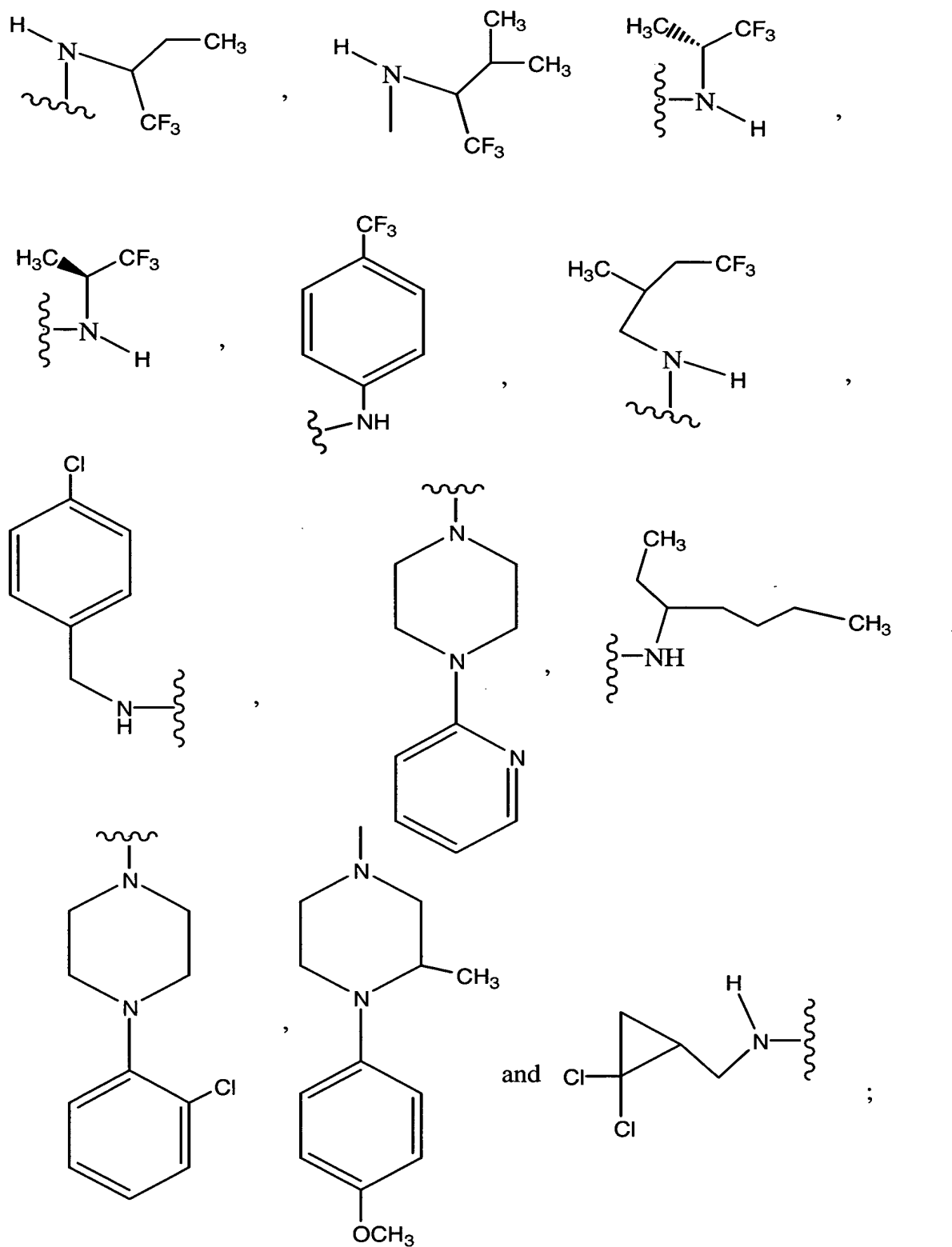
93. (Previously presented): The method according to claim 75 wherein  $R^1$  is selected from











$R^3$  is halogen, alkoxy of 1 to 6 carbon atoms, alkylthio of 1 to 6 carbon atoms or cyano;

$R^4$  is H or a pharmaceutically acceptable salt thereof is administered.

94. (Canceled)

95. (Previously presented): The method according to claim 75 wherein said compound is selected from:

5-chloro-6-(2,6-difluorophenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-methoxyphenyl)-7-(1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

methyl [[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl](methyl)amino]acetate;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,1,3,3-tetramethylbutyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(1-piperidiny)-6-[2-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

6-(4-tert-butylphenyl)-5-chloro-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-methoxyphenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-methoxyphenyl)-7-(3-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

6-(4-bromophenyl)-5-chloro-7-(3-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,4-difluorophenyl)-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;



5-chloro-6-(2,6-dichlorophenyl)-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-7-(4-methyl-1- piperidinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-7-(2-methyl-1- piperidinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

6-(4-tert-butylphenyl)-5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-7-(2-methyl-1-piperidinyl)-6-[3-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5- a]pyrimidine;

Diethyl 2-[6-(2,6-difluorophenyl)-5-ethoxy[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]malonate;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-ethyl-N-(2-methyl-2- propenyl)[1,2,4]triazolo[1,5- a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2- trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(2,2-dichlorocyclopropyl)methyl]-N- methyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3- piperidinol;

N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(3-chloro-4- methoxyphenyl)[1,2,4]triazolo[1,5- a]pyrimidin-7-amine;

5-chloro-6-(2,5-difluorophenyl)-N-dodecyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,3,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

N-[5-chloro-6-(2,3,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-isopropylamine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,3,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-allyl-5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-N-cycloheptyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(3-chloro-4-methoxyphenyl)-7-(3,3-dimethyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(3-chloropropyl)-N-methyl-6-(2,3,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluorophenyl)-7-(3,6-dihydro-1(2H)-pyridinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-methoxy-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]methanol;

1-[5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-4-piperidinol;

5-chloro-7-(4-chloro-1-piperidinyl)-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(4-thiomorpholinyl)-6-(2,3,6-trifluorophenyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-6-(2,6-difluorophenyl)-7-(2,4-dimethyl-1- piperidiny)[1,2,4]triazolo[1,5-  
a]pyrimidine;

7-(4-methyl-1-piperidiny)-5-amino-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2,6-difluorophenyl)-7-(2,5-dihydro-1H-pyrrol-1- yl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2,5-dimethyl-2,5-dihydro-1H-pyrrol-1-  
yl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-ethyl-1H-imidazol-1- yl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

7-(4-bromo-1-piperidiny)-5-chloro-6-(2-chloro-6- fluorophenyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2-methylphenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

6-(2-bromophenyl)-N-(sec-butyl)-5-chloro[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-6-(4-methoxyphenyl)-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-  
a]pyrimidin-7-amine;

5-chloro-6-(4-methoxyphenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5- a]pyrimidine;

5-chloro-7-(4-chloro-1-piperidiny)-6-[2- (trifluoromethyl)phenyl][1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(trifluoromethyl)-1-piperidinyl][1,2,4]triazolo[1,5-a]pyrimidine;

7-(4-bromo-1-piperidinyl)-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(4-bromo-1-piperidinyl)-5-chloro-6-(2-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isopropyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-thiomorpholinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[2-(1-pyrrolidinyl)-1-cyclopenten-1-yl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(4-isopropyl-1-piperidinyl)-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(2,4-dimethyl-1-piperidinyl)-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-[ethyl(2-methyl-2-propenyl)amino]-6-{4-nitrophenyl}[1,2,4]triazolo[1,5-a]pyrimidine;

N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluorophenyl)-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorobenzyl)-7-tetrahydro-2-furanyl[1,2,4]triazolo[1,5-a]pyrimidine;

7-(allylsulfanyl)-5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-6-mesityl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-6-(2-methoxyphenyl)-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-hexyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-(sec-butyl)-5-chloro-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[4-(methylsulfanyl)phenyl]-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[(2,2,2-trifluoroethyl)sulfanyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-dimethyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,5-difluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(isopropylsulfanyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-tetrahydro-2-furanyl[1,2,4]triazolo[1,5-a]pyrimidine;

4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]aniline;

N-{4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]phenyl}acetamide;

[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]methyl acetate;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(chloromethyl)[1,2,4]triazolo[1,5-a]pyrimidine;

diethyl 2-[6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-5-yl]malonate;

N-allyl-5-chloro-6-(2-chloro-6-fluorophenyl)-N-hexyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-[4-(trifluoromethoxy)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(4-methyl-1-piperidinyl)-6-(4-phenoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(cyclopropylmethyl)-N-propyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-(2-methyl-1-piperidinyl)-6-(4-phenoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-{2-chloro-4-nitrophenyl}-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-chloro-2,3,5,6-tetrafluorophenyl)-N-cyclopentyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

4-[5-chloro-2-methyl-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-N,N-dimethylaniline;

6-(2-chloro-6-fluorophenyl)-5-methyl-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[2-(1-pyrrolidiny)-1-cyclohexen-1-yl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(methoxymethyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-{2-chloro-4-nitrophenyl}-7-[ethyl(2-methyl-2-propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidine;

5-bromo-6-(2-chloro-6-fluorophenyl)-7-(isopropylsulfany)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(4-ethoxy-2,3,5,6-tetrafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

4-bromo-1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]butyl acetate;

diethyl 2-allyl-2-{[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]oxy}malonate;

6-(2-chloro-6-fluorophenyl)-N-ethyl-5-methyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-butyl-5-chloro-N-ethyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-(2-chloro-6-fluorophenyl)-5-(difluoromethoxy)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[(4-chlorophenyl)sulfanyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[(2-methoxyphenyl)sulfanyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,3,4,5,6-pentafluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(4-fluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5,7-bis(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-methylphenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,4,5-trifluorophenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;



6-(2-bromophenyl)-5-chloro-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isobutyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isobutyl-6-(2-methylphenyl)-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-allyl-5-chloro-N-isobutyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isopropyl-N-methyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-isopropyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-butyl-5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-N-isobutyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-hexyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-methylphenyl)-N,N-bis(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-cyclopentyl-N-methyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-butyl-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(1,2-dimethylpropyl)-N-methyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-phenyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-methylpropanyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-pentyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-(1,2-dimethylpropyl)-N-methyl-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-bromo-5-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3,3,3-trifluoropropyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3-methylphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

[5-chloro-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-(1-p-tolyl-ethyl)-amine;

5-chloro-6-(2,4,6-trifluoro-phenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-cyclohexyl-6-(2,3,4,5,6-pentafluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-difluoro-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(bicyclo[2.2.1]hept-2-ylamino)-5-chloro-6-{2-fluoro-4-nitrophenyl}[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-{2-fluoro-4-nitrophenyl}-7-(4-methyl-1-piperidiny)[1,2,4]triazolo[1,5-a]pyrimidine;

5-(methylsulfanyl)-6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl] (2,2,2-trifluoro-1-phenylethyl)-amine;

5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-bromo-6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidine;

6-(2-chloro-6-fluorophenyl)-7-cyclohexyl[1,2,4]triazolo[1,5-a]pyrimidin-5-amine;

[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-(2-methyl-1-trifluoromethyl-propyl)amine;

5-chloro-7-(3-cyclohexen-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(1-cyclohexen-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-[(1R)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-(2,4-difluorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-cyclohexyl-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-cyclohexyl-6-(2,6-difluoro-4-methoxyphenyl)-5-methoxy[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-7-(4-fluorocyclohexyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-dichloro-4-fluorophenyl)-7-(3,3,3-trifluoropropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-(sec-butyl)-5-chloro-6-(2,6-dichloro-4-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

4-{5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl}-  
3,6-difluorophenol;

5-chloro-7-(3-cyclohexen-1-yl)-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-cyclopentyl-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-  
amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(3,6-dihydro-1(2H)-  
pyridinyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-thiomorpholinyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-  
a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-ethyl-N-(2-methyl-2-  
propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-fluorocyclohexyl)[1,2,4]triazolo[1,5-  
a]pyrimidine;

6-(4-{5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl}-  
3,5-difluorophenoxy)hexanoic acid;

2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-  
a]pyrimidin-7-amine;

5-chloro-N-isopropyl-6-{2-[(trifluoromethyl)sulfanyl]phenyl}[1,2,4]triazolo[1,5-a]pyrimidin-  
7-amine;

5-chloro-N-[4-(trifluoromethyl)phenyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(4,4,4-trifluoro-2-methylbutyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(3-methyl-3-butenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-isobutyl[1,2,4]triazolo[1,5-a]pyrimidine;

7-cyclopentyl-6-(2,6-difluoro-4-methoxyphenyl)-5-methoxy[1,2,4]triazolo[1,5-a]pyrimidine;

4-[5-chloro-7-(2,2,2-trifluoro-1-methyl-ethylamino)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro-phenol;

{5-chloro-6-[2,6-difluoro-4-(2,2,2-trifluoro-ethoxy)-phenyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl}-(2,2,2-trifluoro-1-methyl-ethyl)amine;

5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

(5-chloro-6-{4-[2-(2-ethoxyethoxy)-ethoxy]-2,6-difluoro-phenyl}[1,2,4]triazolo[1,5-a]pyrimidin-7-yl)-(2,2,2-trifluoro-1-methylethyl)amine;

(5-chloro-6-{2,6-difluoro-4-[2-(2-methoxy-ethoxy)ethoxy]-phenyl}-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl)-(2,2,2-trifluoro-1-methylethyl)amine;

{5-chloro-6-[2,6-difluoro-4-(furan-3-ylmethoxy)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-yl}-N-(2,2,2-trifluoro-1-methylethyl)amine;

5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-cyclohexyl-6-[2,6-difluoro-4-(2-methoxyethoxy)phenyl]-5-methoxy[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-fluoro-4-methoxy-6-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-ethyl-N-(2-methyl-2-propenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

2-[2-(4-{5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl}-3,5-difluorophenoxy)ethoxy]ethanol;

5-chloro-6-(2,3-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-{4-(2-fluoroethoxy)-2,6-difluorophenyl}-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(4-chlorobenzyl)-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(2-pyridinyl)-1-piperazinyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-ethylpentyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(2-chlorophenyl)-1-piperazinyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(4-methoxyphenyl)-3-methyl-1-piperazinyl][1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-phenoxy-6-(4-methoxy-phenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(4-methylphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5,7-diphenoxy-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-cyclopentyl-6-(2-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N,N-diethyl-6-[4-methoxyphenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N,N-diethyl-6-[2,4-dichlorophenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4-dichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-cyano-7-(4-methyl-1-piperidinyl)-6-(2-chloro-5-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-(methylsulfanyl)-7-(4-methyl-1-piperidinyl)-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-(methylsulfanyl)-7-(4-methyl-1-piperidinyl)-6-(2-chloro-5-(methylsulfanyl)phenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(4-(methylsulfanyl)phenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

2-methyl-6,7-di-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;



2-methyl-6-phenyl-7-(4-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

2-trifluoromethyl-6-phenyl-7-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5,7-diphenoxy-6-(2-methylpropyl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,4-difluorophenyl)-N-(isopropyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-bromo-6-(4-bromophenyl)-7-dimethylamino[1,2,4]triazolo[1,5-a]pyrimidine;

5-bromo-6-(4-trifluoromethylphenyl)-7-dimethylamino[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(3,4-difluorophenyl)-7-dimethylamino[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-6-(4-trifluoromethylphenyl)-N-(ethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

ethyl {[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino}acetate;

diethyl 5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-malonate;

5-chloro-6-(2,5-difluorophenyl)-N-(3-methyl-2-butenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

[5-chloro-6-(2-chloro-6-fluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]acetic acid methyl ester;

5-chloro-6-(2,6-difluorophenyl)-7-(2-ethyl-1H-imidazol-1-yl)[1,2,4]triazolo[1,5-a]pyrimidine;

5-chloro-N,N-diethyl-6-[4-(methylsulfanyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

ethyl [6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidiny)-[1,2,4]triazolo[1,5-a]pyrimidin-5-yl]acetate;

5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(4-phenoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

dimethyl 2-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]malonate;

diethyl 2-{{[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]oxy}-2-isobutylmalonate;

2-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-1,3-cyclohexanedione;

2-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]cyclohexanone;

5-chloro-7-(3-nitro-4-methylanilino)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

7-cyclohexyl-6-[2,6-difluoro-4-(2-methoxyethoxy)phenyl]5-(2-methoxyethoxy)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(3-bromophenyl)-2-ethyl-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

7-(3-bromophenyl)-6-(3-chlorophenyl)-2-ethyl[1,2,4]triazolo[1,5-a]pyrimidine;

7-(4-bromophenyl)-2-ethyl-6-[4-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidine;  
5-chloro-6-(2-chloro-6-fluorophenyl)-N-(3,4,5-trimethoxybenzyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

7-(2-benzyl-4,5-dihydro-1H-imidazol-1-yl)-5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

N-4-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N,N-1-diethyl-1,4-pentanediamine;

5-chloro-N-(3-methyl-2-butenyl)-6-phenyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-dimethylamino-6-phenyl-N-cyclopentyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-7-[(2-furylmethyl)sulfanyl]-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidine;

6-[1,1'-biphenyl]-4-yl-5-chloro-N-cyclopentyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-[4-(benzyloxy)phenyl]-5-chloro-N-isopropyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-[(2,2-dichlorocyclopropyl)methyl]-6-(3,4,5-trimethoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

N-cyclopentyl-6-(2-fluorophenyl)-5-hydrazino[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-ethyl-6-(2-methylphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

6-(4-tert-butylphenyl)-5-chloro-N-isopropyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-difluoro-4-[(3-methyl-2-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)-l[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-6-[2,6-difluoro-4-(1-propenyloxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)-l[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-chloro-N-(tricyclo[2.2.1.0<sup>2,6</sup>]hept-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine;

5-azido-7-cyclohexyl-6-(2-fluoro-6-chlorophenyl) [1,2,4]triazolo[1,5-a]pyrimidine;

5-azido-6-[2-chloro-6-fluorophenyl]-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine; and

2,5-dichloro-7-(4-methyl-1-piperidiny)-6-[2-chloro-6-fluorophenyl][1,2,4]triazolo[1,5-a]pyrimidine or a pharmaceutically acceptable salt thereof is administered.

96. (Previously presented): The method according to claim 2 wherein said compound is 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine or a pharmaceutically acceptable salt thereof is administered.

97. (Previously presented): The method according to claim 75 wherein said compound is 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine or a pharmaceutically acceptable salt thereof is administered.